

# NON-ENVIRONMENTAL EMI / RFI BACKSHELL



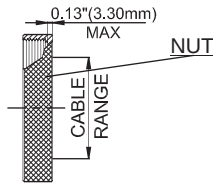
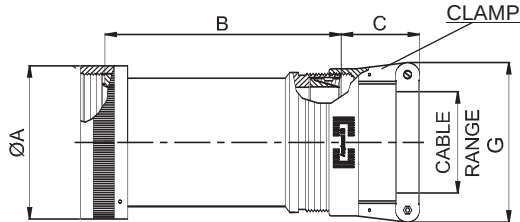
360-degree screen termination facility is offered in this Backshell in addition to other features of the Non-Environmental type. Available in straight, 90 degree bent and 45 degree bent varieties, it accommodates both individual and overall shielding.

| For Connector Group |   | Page No.        |
|---------------------|---|-----------------|
| J                   | → | III-1 - III-7   |
| K                   | → | III-8 - III-12  |
| L                   | → | III-13 - III-17 |
| M                   | → | III-18 - III-23 |
| N                   | → | III-24 - III-29 |

**Note:** For Connector group Identification refer Table 1 - A, B, C, D (Page 7-11) and for Material / Plating Finish, Refer Table-2 (Page 12)

### Connector Group - J

### Straight



#### Amphenol Part Number

BM1 S X J 99 99 9 X X

Series ———  
Angle ———  
S: straight  
Coupling ———  
R: spin  
D: direct  
Connector group ———

Finish: see Table-2  
End clamp  
C: clamp  
N: nut  
Length code constant  
See Table-A  
Entry size  
See Table-A  
Shell size  
See Table-A

#### MIL Part Number

M85049 / 99 9 X

MIL Series ———  
Slash sheet  
25: Straight, spin coupling  
Finish:  
See Table-2  
Dash Number:  
See Table-A

NOTE: \* For more cable entry and length options, contact factory

| TABLE - A                          |               |        |                                  |                         |              |       |         |       |         |       |         |       |             |       |      |       |
|------------------------------------|---------------|--------|----------------------------------|-------------------------|--------------|-------|---------|-------|---------|-------|---------|-------|-------------|-------|------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | MIL PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL SIZE | A DIA. (MAX) |       | B (MAX) |       | C (REF) |       | G (MAX) |       | CABLE RANGE |       |      |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH | DASH NO                          |                         | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | MIN         |       | MAX  |       |
|                                    |               |        |                                  |                         |              |       |         |       |         |       |         |       | INCH        | MM    | INCH | MM    |
| 08                                 | 01            | 1      | 5                                | 8                       | 0.62         | 15.67 | 2.13    | 54.10 | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.25 | 6.35  |
|                                    |               | 2      | 6                                |                         | 0.62         | 15.67 | 3.13    | 79.50 | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.25 | 6.35  |
|                                    | 02            | 1      | 7*                               |                         | 0.62         | 15.67 | 2.88    | 73.15 | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                    |               | 2      | 8*                               |                         | 0.62         | 15.67 | 3.88    | 98.55 | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
| 10                                 | 01            | 1      | 9                                | 10                      | 0.73         | 18.64 | 2.13    | 54.10 | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                    |               | 2      | 10                               |                         | 0.73         | 18.64 | 3.13    | 79.50 | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                    | 02            | 1      | 11*                              |                         | 0.73         | 18.64 | 2.88    | 73.15 | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                    |               | 2      | 12*                              |                         | 0.73         | 18.64 | 3.88    | 98.55 | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                    | 03            | 1      | 136                              |                         | 0.73         | 18.64 | 2.13    | 54.10 | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.38 | 9.53  |
|                                    |               | 2      | 137                              |                         | 0.73         | 18.64 | 3.13    | 79.50 | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.38 | 9.53  |
| 12                                 | 01            | 1      | 13                               | 7/12                    | 0.86         | 21.79 | 2.13    | 54.10 | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                    |               | 2      | 14                               |                         | 0.86         | 21.79 | 3.13    | 79.50 | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                    | 02            | 1      | 15*                              |                         | 0.86         | 21.79 | 2.88    | 73.15 | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                    |               | 2      | 16*                              |                         | 0.86         | 21.79 | 3.88    | 98.55 | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                    | 03            | 1      | 111                              |                         | 0.86         | 21.79 | 2.13    | 54.10 | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.50 | 12.70 |
|                                    |               | 2      | 114                              |                         | 0.86         | 21.79 | 2.13    | 54.10 | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                    | 04            | 1      | 115                              |                         | 0.86         | 21.79 | 3.13    | 79.50 | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                    |               | 2      | 117                              |                         | 0.86         | 21.79 | 2.13    | 54.10 | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.50 | 12.70 |
|                                    | 05            | 1      | 138                              |                         | 0.86         | 21.79 | 2.13    | 54.10 | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.50 | 12.70 |
|                                    |               | 2      | 139                              |                         | 0.86         | 21.79 | 3.13    | 79.50 | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.50 | 12.70 |
| 14                                 | 01            | 1      | 17                               | 12/14                   | 0.98         | 24.99 | 2.13    | 54.10 | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.58 | 14.61 |
|                                    |               | 2      | 18                               |                         | 0.98         | 24.99 | 3.13    | 79.50 | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.58 | 14.61 |
|                                    | 02            | 1      | 19*                              |                         | 0.98         | 24.99 | 2.88    | 73.15 | 1.06    | 26.90 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    |               | 2      | 20*                              |                         | 0.98         | 24.99 | 3.88    | 98.55 | 1.06    | 26.90 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    | 03            | 1      | 116                              |                         | 0.98         | 24.99 | 2.13    | 54.10 | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                    |               | 2      | 117                              |                         | 0.98         | 24.99 | 3.13    | 79.50 | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                    | 04            | 1      | 150                              |                         | 0.98         | 24.99 | 2.13    | 54.10 | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                    |               | 2      | 151                              |                         | 0.98         | 24.99 | 3.13    | 79.50 | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |

Table Continued

### Connector Group - J

### Straight

TABLE - A

| TABLE - A                          |               |        |                                  |                         |              |        |         |        |         |       |         |       |             |       |      |       |
|------------------------------------|---------------|--------|----------------------------------|-------------------------|--------------|--------|---------|--------|---------|-------|---------|-------|-------------|-------|------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | MIL PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL SIZE | A DIA. (MAX) |        | B (MAX) |        | C (REF) |       | G (MAX) |       | CABLE RANGE |       |      |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH | DASH NO                          |                         | INCH         | MM     | INCH    | MM     | INCH    | MM    | INCH    | MM    | MIN         |       | MAX  |       |
|                                    |               |        |                                  |                         |              |        |         |        |         |       |         |       | INCH        | MM    | INCH | MM    |
| 16                                 | 01            | 1      | 21                               | 19/16                   | 1.11         | 28.24  | 2.13    | 54.10  | 1.06    | 26.90 | 1.55    | 39.40 | 0.50        | 12.70 | 0.70 | 17.78 |
|                                    |               | 2      | 22                               |                         | 1.11         | 28.24  | 3.13    | 79.50  | 1.06    | 26.90 | 1.55    | 39.40 | 0.50        | 12.70 | 0.70 | 17.78 |
|                                    | 02            | 1      | 23*                              |                         | 1.11         | 28.24  | 2.88    | 73.15  | 1.16    | 29.36 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    |               | 2      | 24*                              |                         | 1.11         | 28.24  | 3.88    | 98.55  | 1.16    | 29.36 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    | 03            | 1      | 112                              |                         | 1.11         | 28.24  | 2.13    | 54.10  | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                    |               | 2      | 113                              |                         | 1.11         | 28.24  | 3.13    | 79.50  | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                    | 04            | 1      | 118                              |                         | 1.11         | 28.24  | 2.13    | 54.10  | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                    |               | 2      | 119                              |                         | 1.11         | 28.24  | 3.13    | 79.50  | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                    | 05            | 1      | 152                              |                         | 1.11         | 28.24  | 2.13    | 54.10  | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                    |               | 2      | 153                              |                         | 1.11         | 28.24  | 3.13    | 79.50  | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
| 18                                 | 01            | 1      | 25                               | 27/18                   | 1.22         | 30.94  | 2.13    | 54.10  | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                    |               | 2      | 26                               |                         | 1.22         | 30.94  | 3.13    | 79.50  | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                    | 02            | 1      | 27                               |                         | 1.22         | 30.94  | 2.13    | 54.10  | 1.06    | 26.90 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    |               | 2      | 28                               |                         | 1.22         | 30.94  | 3.13    | 79.50  | 1.06    | 26.90 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    | 03            | 1      | 29*                              |                         | 1.22         | 30.94  | 2.88    | 73.15  | 1.16    | 29.36 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    |               | 2      | 30*                              |                         | 1.22         | 30.94  | 3.88    | 98.55  | 1.16    | 29.36 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    | 04            | 1      | 120                              |                         | 1.22         | 30.94  | 2.13    | 54.10  | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                    |               | 2      | 121                              |                         | 1.22         | 30.94  | 3.13    | 79.50  | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                    | 05            | 1      | 122                              |                         | 1.22         | 30.94  | 2.13    | 54.10  | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                    |               | 2      | 123                              |                         | 1.22         | 30.94  | 3.13    | 79.50  | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
| 20                                 | 01            | 1      | 31                               | 37/20                   | 1.35         | 34.16  | 3.13    | 79.50  | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                    |               | 2      | 32                               |                         | 1.35         | 34.16  | 4.13    | 104.90 | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                    | 02            | 1      | 33                               |                         | 1.35         | 34.16  | 3.13    | 79.50  | 1.06    | 26.90 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    |               | 2      | 34                               |                         | 1.35         | 34.16  | 4.13    | 104.90 | 1.06    | 26.90 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    | 03            | 1      | 35*                              |                         | 1.35         | 34.16  | 3.88    | 98.55  | 1.16    | 29.36 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    |               | 2      | 36*                              |                         | 1.35         | 34.16  | 4.88    | 123.95 | 1.16    | 29.36 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    | 04            | 1      | 37*                              |                         | 1.35         | 34.16  | 3.88    | 98.55  | 1.38    | 34.93 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    |               | 2      | 38*                              |                         | 1.35         | 34.16  | 4.88    | 123.95 | 1.38    | 34.93 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    | 05            | 1      | 124                              |                         | 1.35         | 34.16  | 3.13    | 79.50  | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                    |               | 2      | 125                              |                         | 1.35         | 34.16  | 4.13    | 104.90 | 1.03    | 26.09 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
| 06                                 | 1             | 140    | 1.35                             | 34.16                   | 3.13         | 79.50  | 1.16    | 29.36  | 1.77    | 44.96 | 0.63    | 15.88 | 0.90        | 22.96 |      |       |
|                                    | 2             | 141    | 1.35                             | 34.16                   | 4.13         | 104.90 | 1.16    | 29.36  | 1.77    | 44.96 | 0.63    | 15.88 | 0.90        | 22.96 |      |       |
| 22                                 | 01            | 1      | 39                               | 22                      | 1.47         | 37.29  | 3.13    | 79.50  | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                    |               | 2      | 40                               |                         | 1.47         | 37.29  | 4.13    | 104.90 | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                    | 02            | 1      | 41                               |                         | 1.47         | 37.29  | 3.13    | 79.50  | 1.06    | 26.90 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    |               | 2      | 42                               |                         | 1.47         | 37.29  | 4.13    | 104.90 | 1.06    | 26.90 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    | 03            | 1      | 43                               |                         | 1.47         | 37.29  | 3.13    | 79.50  | 1.16    | 29.36 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    |               | 2      | 44                               |                         | 1.47         | 37.29  | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    | 04            | 1      | 45*                              |                         | 1.47         | 37.29  | 3.88    | 98.55  | 1.38    | 34.93 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    |               | 2      | 46*                              |                         | 1.47         | 37.29  | 4.88    | 123.95 | 1.38    | 34.93 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    | 05            | 1      | 126                              |                         | 1.47         | 37.29  | 3.13    | 79.50  | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                    |               | 2      | 127                              |                         | 1.47         | 37.29  | 4.13    | 104.90 | 1.03    | 26.09 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
| 06                                 | 1             | 128    | 1.47                             | 37.29                   | 3.13         | 79.50  | 1.03    | 26.09  | 1.15    | 29.08 | 0.25    | 6.35  | 0.44        | 11.10 |      |       |
|                                    | 2             | 129    | 1.47                             | 37.29                   | 4.13         | 104.90 | 1.03    | 26.09  | 1.15    | 29.08 | 0.25    | 6.35  | 0.44        | 11.10 |      |       |
| 07                                 | 1             | 142    | 1.47                             | 37.29                   | 3.13         | 79.50  | 1.38    | 34.93  | 2.11    | 53.67 | 0.88    | 22.23 | 1.03        | 26.14 |      |       |
|                                    | 2             | 143    | 1.47                             | 37.29                   | 4.13         | 104.90 | 1.38    | 34.93  | 2.11    | 53.67 | 0.88    | 22.23 | 1.03        | 26.14 |      |       |
| 24                                 | 01            | 1      | 47                               | 24                      | 1.59         | 40.46  | 3.13    | 79.50  | 1.06    | 26.90 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    |               | 2      | 48                               |                         | 1.59         | 40.46  | 4.13    | 104.90 | 1.06    | 26.90 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    | 02            | 1      | 49                               |                         | 1.59         | 40.46  | 3.13    | 79.50  | 1.16    | 29.36 | 1.77    | 44.96 | 0.63        | 15.88 | 0.81 | 20.62 |
|                                    |               | 2      | 50                               |                         | 1.59         | 40.46  | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96 | 0.63        | 15.88 | 0.81 | 20.62 |
|                                    | 03            | 1      | 51                               |                         | 1.59         | 40.46  | 3.13    | 79.50  | 1.16    | 29.36 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    |               | 2      | 52                               |                         | 1.59         | 40.46  | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    | 04            | 1      | 53*                              |                         | 1.59         | 40.46  | 3.88    | 98.55  | 1.38    | 34.93 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    |               | 2      | 54*                              |                         | 1.59         | 40.46  | 4.88    | 123.95 | 1.38    | 34.93 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    | 05            | 1      | 130                              |                         | 1.59         | 40.46  | 3.13    | 79.50  | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                    |               | 2      | 131                              |                         | 1.59         | 40.46  | 4.13    | 104.90 | 1.03    | 26.09 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
| 06                                 | 1             | 144    | 1.59                             | 40.46                   | 3.13         | 79.50  | 1.38    | 34.93  | 2.11    | 53.67 | 0.88    | 22.23 | 1.14        | 29.06 |      |       |
|                                    | 2             | 145    | 1.59                             | 40.46                   | 4.13         | 104.90 | 1.38    | 34.93  | 2.11    | 53.67 | 0.88    | 22.23 | 1.14        | 29.06 |      |       |

Table Continued

### Connector Group - J

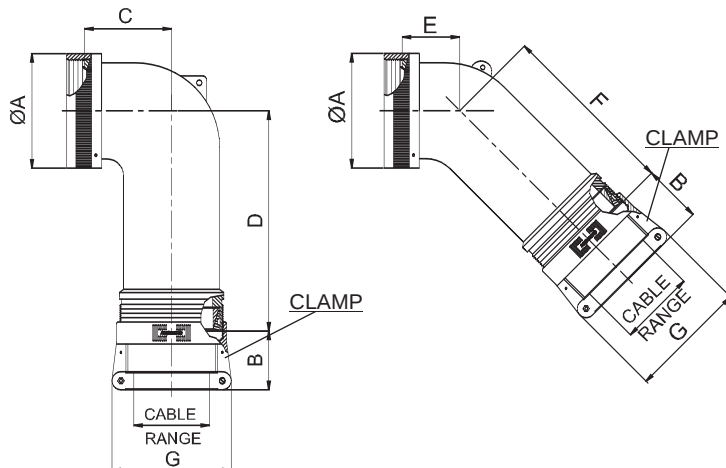
### Straight

TABLE - A

| TABLE - A                          |               |        |                                  |                         |              |        |         |        |         |       |         |        |             |       |      |       |
|------------------------------------|---------------|--------|----------------------------------|-------------------------|--------------|--------|---------|--------|---------|-------|---------|--------|-------------|-------|------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | MIL PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL SIZE | A DIA. (MAX) |        | B (MAX) |        | C (REF) |       | G (MAX) |        | CABLE RANGE |       |      |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH | DASH NO                          |                         | INCH         | MM     | INCH    | MM     | INCH    | MM    | INCH    | MM     | MIN         |       | MAX  |       |
|                                    |               |        |                                  |                         |              |        |         |        |         |       |         |        | INCH        | MM    | INCH | MM    |
| 28                                 | 01            | 1      | 55                               | 28                      | 1.97         | 50.01  | 3.13    | 79.50  | 1.06    | 26.90 | 1.55    | 39.40  | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    |               | 2      | 56                               |                         | 1.97         | 50.01  | 4.13    | 104.90 | 1.06    | 26.90 | 1.55    | 39.40  | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    | 02            | 1      | 57                               |                         | 1.97         | 50.01  | 3.13    | 79.50  | 1.16    | 29.36 | 1.77    | 44.96  | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    |               | 2      | 58                               |                         | 1.97         | 50.01  | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96  | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    | 03            | 1      | 59                               |                         | 1.97         | 50.01  | 3.13    | 79.50  | 1.38    | 34.93 | 2.11    | 53.67  | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    |               | 2      | 60                               |                         | 1.97         | 50.01  | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67  | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    | 04            | 1      | 61                               |                         | 1.97         | 50.01  | 3.13    | 79.50  | 1.50    | 38.10 | 23.63   | 600.20 | 1.00        | 25.40 | 1.38 | 34.93 |
|                                    |               | 2      | 62                               |                         | 1.97         | 50.01  | 4.13    | 104.90 | 1.50    | 38.10 | 2.36    | 60.02  | 1.00        | 25.40 | 1.38 | 34.93 |
| 32                                 | 01            | 1      | 63                               | 32                      | 2.22         | 56.36  | 3.13    | 79.50  | 1.16    | 29.36 | 1.77    | 44.96  | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    |               | 2      | 64                               |                         | 2.22         | 56.36  | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96  | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    | 02            | 1      | 65                               |                         | 2.22         | 56.36  | 3.13    | 79.50  | 1.38    | 34.93 | 2.11    | 53.67  | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    |               | 2      | 66                               |                         | 2.22         | 56.36  | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67  | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    | 03            | 1      | 67                               |                         | 2.22         | 56.36  | 3.13    | 79.50  | 1.50    | 38.10 | 2.36    | 60.02  | 1.00        | 25.40 | 1.38 | 34.93 |
|                                    |               | 2      | 68                               |                         | 2.22         | 56.36  | 4.13    | 104.90 | 1.50    | 38.10 | 2.36    | 60.02  | 1.00        | 25.40 | 1.38 | 34.93 |
|                                    | 04            | 1      | 69                               |                         | 2.22         | 56.36  | 3.13    | 79.50  | 1.78    | 45.24 | 2.77    | 70.36  | 1.25        | 31.75 | 1.63 | 41.28 |
|                                    |               | 2      | 70                               |                         | 2.22         | 56.36  | 4.13    | 104.90 | 1.78    | 45.24 | 2.77    | 70.36  | 1.25        | 31.75 | 1.63 | 41.28 |
| 36                                 | 01            | 1      | 71                               | 36                      | 2.47         | 62.71  | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67  | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    |               | 2      | 72                               |                         | 2.47         | 62.71  | 5.13    | 130.30 | 1.38    | 34.93 | 2.11    | 53.67  | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    | 02            | 1      | 73                               |                         | 2.47         | 62.71  | 4.13    | 104.90 | 1.50    | 38.10 | 2.36    | 60.02  | 1.00        | 25.40 | 1.38 | 34.93 |
|                                    |               | 2      | 74                               |                         | 2.47         | 62.71  | 5.13    | 130.30 | 1.50    | 38.10 | 2.36    | 60.02  | 1.00        | 25.40 | 1.38 | 34.93 |
|                                    | 03            | 1      | 75                               |                         | 2.47         | 62.71  | 4.13    | 104.90 | 1.78    | 45.24 | 2.77    | 70.36  | 1.25        | 31.75 | 1.63 | 41.28 |
|                                    |               | 2      | 76                               |                         | 2.47         | 62.71  | 5.13    | 130.30 | 1.78    | 45.24 | 2.77    | 70.36  | 1.25        | 31.75 | 1.63 | 41.28 |
|                                    | 04            | 1      | 77*                              |                         | 2.47         | 62.71  | 5.01    | 127.25 | 1.83    | 46.48 | 3.02    | 76.71  | 1.44        | 36.50 | 1.88 | 47.63 |
|                                    |               | 2      | 78*                              |                         | 2.47         | 62.71  | 6.01    | 152.65 | 1.83    | 46.48 | 3.02    | 76.71  | 1.44        | 36.50 | 1.88 | 47.63 |
|                                    | 05            | 1      | 132                              |                         | 2.47         | 62.71  | 4.13    | 104.90 | 1.06    | 26.90 | 1.55    | 39.40  | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    |               | 2      | 133                              |                         | 2.47         | 62.71  | 5.13    | 130.30 | 1.06    | 26.90 | 1.55    | 39.40  | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    | 06            | 1      | 146                              |                         | 2.47         | 62.71  | 4.13    | 104.90 | 1.83    | 46.48 | 3.02    | 76.71  | 1.44        | 36.50 | 1.84 | 46.74 |
|                                    |               | 2      | 147                              |                         | 2.47         | 62.71  | 5.13    | 130.30 | 1.83    | 46.48 | 3.02    | 76.71  | 1.44        | 36.50 | 1.84 | 46.74 |
|                                    | 07            | 1      | 148                              |                         | 2.47         | 62.71  | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96  | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    |               | 2      | 149                              |                         | 2.47         | 62.71  | 5.13    | 130.30 | 1.16    | 29.36 | 1.77    | 44.96  | 0.63        | 15.88 | 0.94 | 23.80 |
| 40                                 | 01            | 1      | 79                               | 40                      | 2.72         | 69.06  | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67  | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    |               | 2      | 80                               |                         | 2.72         | 69.06  | 5.13    | 130.30 | 1.38    | 34.93 | 2.11    | 53.67  | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    | 02            | 1      | 81                               |                         | 2.72         | 69.06  | 4.13    | 104.90 | 1.50    | 38.10 | 2.36    | 60.02  | 1.00        | 25.40 | 1.38 | 34.93 |
|                                    |               | 2      | 82                               |                         | 2.72         | 69.06  | 5.13    | 130.30 | 1.50    | 38.10 | 2.36    | 60.02  | 1.00        | 25.40 | 1.38 | 34.93 |
|                                    | 03            | 1      | 83                               |                         | 2.72         | 69.06  | 4.13    | 104.90 | 1.78    | 45.24 | 2.77    | 70.36  | 1.25        | 31.75 | 1.63 | 41.28 |
|                                    |               | 2      | 84                               |                         | 2.72         | 69.06  | 5.13    | 130.30 | 1.78    | 45.24 | 2.77    | 70.36  | 1.25        | 31.75 | 1.63 | 41.28 |
|                                    | 04            | 1      | 85                               |                         | 2.72         | 69.06  | 4.13    | 104.90 | 1.83    | 46.48 | 3.02    | 76.71  | 1.44        | 36.50 | 1.88 | 47.63 |
|                                    |               | 2      | 86                               |                         | 2.72         | 69.06  | 5.13    | 130.30 | 1.83    | 46.48 | 3.02    | 76.71  | 1.44        | 36.50 | 1.88 | 47.63 |
|                                    | 05            | 1      | 134                              |                         | 2.72         | 69.06  | 4.13    | 104.90 | 1.06    | 26.90 | 1.55    | 39.40  | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    |               | 2      | 135                              |                         | 2.72         | 69.06  | 5.13    | 130.30 | 1.06    | 26.90 | 1.55    | 39.40  | 0.50        | 12.70 | 0.75 | 19.05 |
|                                    | 06            | 1      | 156                              |                         | 2.72         | 69.06  | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96  | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    |               | 2      | 157                              |                         | 2.72         | 69.06  | 5.13    | 130.30 | 1.16    | 29.36 | 1.77    | 44.96  | 0.63        | 15.88 | 0.94 | 23.80 |
| 44                                 | 01            | 1      | 87                               | 44                      | 2.97         | 75.41  | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67  | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    |               | 2      | 88                               |                         | 2.97         | 75.41  | 5.13    | 130.30 | 1.38    | 34.93 | 2.11    | 53.67  | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    | 02            | 1      | 89                               |                         | 2.97         | 75.41  | 4.13    | 104.90 | 1.50    | 38.10 | 2.36    | 60.02  | 1.00        | 25.40 | 1.38 | 34.93 |
|                                    |               | 2      | 90                               |                         | 2.97         | 75.41  | 5.13    | 130.30 | 1.50    | 38.10 | 2.36    | 60.02  | 1.00        | 25.40 | 1.38 | 34.93 |
|                                    | 03            | 1      | 91                               |                         | 2.97         | 75.41  | 4.13    | 104.90 | 1.78    | 45.24 | 2.77    | 70.36  | 1.25        | 31.75 | 1.63 | 41.28 |
|                                    |               | 2      | 92                               |                         | 2.97         | 75.41  | 5.13    | 130.30 | 1.78    | 45.24 | 2.77    | 70.36  | 1.25        | 31.75 | 1.63 | 41.28 |
|                                    | 04            | 1      | 93                               |                         | 2.97         | 75.41  | 4.13    | 104.90 | 1.83    | 46.48 | 3.02    | 76.71  | 1.44        | 36.50 | 1.88 | 47.63 |
|                                    |               | 2      | 94                               |                         | 2.97         | 75.41  | 5.13    | 130.30 | 1.83    | 46.48 | 3.02    | 76.71  | 1.44        | 36.50 | 1.88 | 47.63 |
|                                    | 05            | 1      | 154                              |                         | 2.97         | 75.41  | 4.13    | 104.90 | 1.16    | 29.36 | 1.77    | 44.96  | 0.63        | 15.88 | 0.94 | 23.80 |
|                                    |               | 2      | 155                              |                         | 2.97         | 75.41  | 5.13    | 130.30 | 1.16    | 29.36 | 1.77    | 44.96  | 0.63        | 15.88 | 0.94 | 23.80 |
| 48                                 | 01            | 1      | 95                               | 48                      | 3.22         | 81.76  | 4.13    | 104.90 | 1.38    | 34.93 | 2.11    | 53.67  | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    |               | 2      | 96                               |                         | 3.22         | 81.76  | 5.13    | 130.30 | 1.38    | 34.93 | 2.11    | 53.67  | 0.88        | 22.23 | 1.25 | 31.75 |
|                                    | 02            | 1      | 97                               |                         | 3.22         | 81.76  | 4.13    | 104.90 | 1.50    | 38.10 | 2.36    | 60.02  | 1.00        | 25.40 | 1.38 | 34.93 |
|                                    |               | 2      | 98                               |                         | 3.22         | 81.76  | 5.13    | 130.30 | 1.50    | 38.10 | 2.36    | 60.02  | 1.00        | 25.40 | 1.38 | 34.93 |
|                                    | 03            | 1      | 99                               |                         | 3.22         | 81.76  | 4.13    | 104.90 | 1.78    | 45.24 | 2.77    | 70.36  | 1.25        | 31.75 | 1.63 | 41.28 |
|                                    |               | 2      | 100                              |                         | 3.22         | 81.76  | 5.13    | 130.30 | 1.78    | 45.24 | 2.77    | 70.36  | 1.25        | 31.75 | 1.63 | 41.28 |
| 04                                 | 1             | 101    | 3.22                             | 81.76                   | 4.13         | 104.90 | 1.83    | 46.48  | 3.02    | 76.71 | 1.44    | 36.50  | 1.88        | 47.63 |      |       |
|                                    | 2             | 102    | 3.22                             | 81.76                   | 5.13         | 130.30 | 1.83    | 46.48  | 3.02    | 76.71 | 1.44    | 36.50  | 1.88        | 47.63 |      |       |

### Connector Group - J

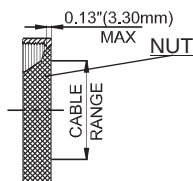
90°, 45°



**Amphenol Part Number**

BM1 X X J 99 99 9 X X

Series: BM1  
Angle: X (A: 90deg, B: 45deg)  
Coupling: X (R: spin)  
Connector group: J  
Finish: see Table-2  
End clamp: X (C: clamp, N: nut)  
Length: 99 (9: Not applicable)  
Entry size: 99 (See Table-B)  
Shell size: 9 (See Table-B)



**MIL Part Number**

M85049 / 99 9 X

MIL Series: M85049  
Slash sheet: 99 (24: 90deg, spin coupling; 23: 45deg, spin coupling)  
Finish: X (See Table-2)  
Dash Number: 9 (See Table-B)

**NOTE:** \* For more cable entry options, contact factory

| TABLE - B                       |            |                            |                      |              |       |         |       |         |       |         |       |         |       |
|---------------------------------|------------|----------------------------|----------------------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| AMPHENOL PART NUMBER DESIGNATOR |            | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | A DIA. (MAX) |       | B (REF) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       |
| SHELL SIZE                      | ENTRY SIZE | DASH NO                    |                      | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |
| 08                              | 01         | 3                          | 8                    | 0.62         | 15.67 | 1.03    | 26.09 | 0.67    | 17.02 | 1.26    | 32.00 | 0.63    | 16.00 |
| 10                              | 01         | 4                          | 10                   | 0.73         | 18.64 | 1.03    | 26.09 | 0.76    | 19.30 | 1.98    | 50.29 | 0.69    | 17.53 |
|                                 | 02         | 49*                        |                      | 0.73         | 18.64 | 1.03    | 26.09 | 1.52    | 38.61 | 2.00    | 50.80 | 1.50    | 38.10 |
|                                 | 03         | 5                          |                      | 0.73         | 18.64 | 1.03    | 26.09 | 0.76    | 19.30 | 1.38    | 35.05 | 0.69    | 17.53 |
| 12                              | 01         | 6                          | 7/12                 | 0.86         | 21.79 | 1.03    | 26.09 | 0.77    | 19.56 | 2.00    | 50.80 | 0.75    | 19.05 |
|                                 | 02         | 71*                        |                      | 0.86         | 21.79 | 1.03    | 26.09 | 1.81    | 45.97 | 2.16    | 54.86 | 1.65    | 41.91 |
|                                 | 03         | 7                          |                      | 0.86         | 21.79 | 1.03    | 26.09 | 0.77    | 19.56 | 2.00    | 50.80 | 0.75    | 19.05 |
|                                 | 04         | 8                          |                      | 0.86         | 21.79 | 1.03    | 26.09 | 0.77    | 19.56 | 1.40    | 35.56 | 0.75    | 19.05 |
| 14                              | 01         | 9                          | 12/14                | 0.98         | 24.99 | 1.03    | 26.09 | 0.87    | 22.10 | 2.07    | 52.58 | 0.81    | 20.57 |
|                                 | 02         | 10                         |                      | 0.98         | 24.99 | 1.03    | 26.09 | 0.87    | 22.10 | 1.72    | 43.69 | 0.81    | 20.57 |
|                                 | 03         | 50*                        |                      | 0.98         | 24.99 | 1.06    | 26.90 | 1.89    | 48.01 | 2.33    | 59.18 | 1.84    | 46.74 |
|                                 | 04         | 74                         |                      | 0.98         | 24.99 | 1.03    | 26.09 | 0.87    | 22.10 | 2.07    | 52.58 | 0.81    | 20.57 |
| 16                              | 01         | 11                         | 19/16                | 1.11         | 28.24 | 1.03    | 26.09 | 1.05    | 26.67 | 2.16    | 54.86 | 0.91    | 23.11 |
|                                 | 02         | 12                         |                      | 1.11         | 28.24 | 1.06    | 26.90 | 1.05    | 26.67 | 1.81    | 45.97 | 0.91    | 23.11 |
|                                 | 03         | 40                         |                      | 1.11         | 28.24 | 1.03    | 26.09 | 1.05    | 26.67 | 2.16    | 54.86 | 0.91    | 23.11 |
|                                 | 04         | 51*                        |                      | 1.11         | 28.24 | 1.16    | 29.36 | 2.04    | 51.82 | 2.44    | 61.98 | 1.94    | 49.28 |
|                                 | 05         | 75                         |                      | 1.11         | 28.24 | 1.03    | 26.09 | 1.05    | 26.67 | 2.16    | 54.86 | 0.91    | 23.11 |

Table Continued

Connector Group - J

90°, 45°

| TABLE - B                             |               |                                  |                         |              |       |         |       |         |       |         |       |         |       |
|---------------------------------------|---------------|----------------------------------|-------------------------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |               | MIL PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL SIZE | A DIA. (MAX) |       | B (REF) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       |
| SHELL<br>SIZE                         | ENTRY<br>SIZE | DASH NO                          |                         | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |
| 18                                    | 01            | 13                               | 27/18                   | 1.22         | 30.94 | 1.03    | 26.09 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 |
|                                       | 02            | 14                               |                         | 1.22         | 30.94 | 1.16    | 29.36 | 1.14    | 28.96 | 1.98    | 50.29 | 1.09    | 27.69 |
|                                       | 03            | 41                               |                         | 1.22         | 30.94 | 1.03    | 26.09 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 |
|                                       | 04            | 42                               |                         | 1.22         | 30.94 | 1.03    | 26.09 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 |
|                                       | 05            | 52                               |                         | 1.22         | 30.94 | 1.06    | 26.90 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 |
|                                       | 06            | 72*                              |                         | 1.22         | 30.94 | 1.16    | 29.36 | 2.05    | 52.07 | 2.44    | 61.98 | 1.94    | 49.28 |
| 20                                    | 01            | 15                               | 37/20                   | 1.35         | 34.16 | 1.03    | 26.09 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 |
|                                       | 02            | 16                               |                         | 1.35         | 34.16 | 1.16    | 29.36 | 1.14    | 28.96 | 1.98    | 50.29 | 1.09    | 27.69 |
|                                       | 03            | 43                               |                         | 1.35         | 34.16 | 1.03    | 26.09 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 |
|                                       | 04            | 54                               |                         | 1.35         | 34.16 | 1.06    | 26.90 | 1.14    | 28.96 | 2.33    | 59.18 | 1.09    | 27.69 |
|                                       | 05            | 55                               |                         | 1.35         | 34.16 | 1.38    | 34.93 | 2.14    | 54.36 | 2.61    | 66.29 | 2.06    | 52.32 |
| 22                                    | 01            | 17                               | 22                      | 1.47         | 37.29 | 1.06    | 26.90 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 |
|                                       | 02            | 18                               |                         | 1.47         | 37.29 | 1.38    | 34.93 | 1.29    | 32.77 | 2.09    | 53.09 | 1.19    | 30.23 |
|                                       | 03            | 44                               |                         | 1.47         | 37.29 | 1.03    | 26.09 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 |
|                                       | 04            | 45                               |                         | 1.47         | 37.29 | 1.03    | 26.09 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 |
|                                       | 05            | 56                               |                         | 1.47         | 37.29 | 1.03    | 26.09 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 |
|                                       | 06            | 57                               |                         | 1.47         | 37.29 | 1.16    | 29.36 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 |
|                                       | 07            | 58*                              |                         | 1.47         | 37.29 | 1.38    | 34.93 | 2.14    | 54.36 | 2.61    | 66.29 | 2.06    | 52.32 |
| 24                                    | 01            | 19                               | 24                      | 1.59         | 40.46 | 1.06    | 26.90 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 |
|                                       | 02            | 20                               |                         | 1.59         | 40.46 | 1.38    | 34.93 | 1.29    | 32.77 | 2.09    | 53.09 | 1.19    | 30.23 |
|                                       | 03            | 46                               |                         | 1.59         | 40.46 | 1.03    | 26.09 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 |
|                                       | 04            | 59                               |                         | 1.59         | 40.46 | 1.16    | 29.36 | 1.29    | 32.77 | 2.44    | 61.98 | 1.19    | 30.23 |
|                                       | 05            | 73*                              |                         | 1.59         | 40.46 | 1.38    | 34.93 | 2.15    | 54.61 | 2.61    | 66.29 | 2.06    | 52.32 |
| 28                                    | 01            | 21                               | 28                      | 1.97         | 50.01 | 1.16    | 29.36 | 1.39    | 35.31 | 2.61    | 66.29 | 1.31    | 33.27 |
|                                       | 02            | 22                               |                         | 1.97         | 50.01 | 1.50    | 38.10 | 1.39    | 35.31 | 2.26    | 57.40 | 1.31    | 33.27 |
|                                       | 03            | 60                               |                         | 1.97         | 50.01 | 1.06    | 26.90 | 1.39    | 35.31 | 2.61    | 66.29 | 1.31    | 33.27 |
|                                       | 04            | 61                               |                         | 1.97         | 50.01 | 1.38    | 34.93 | 1.39    | 35.31 | 2.61    | 66.29 | 1.31    | 33.27 |
| 32                                    | 01            | 23                               | 32                      | 2.22         | 56.36 | 1.16    | 29.36 | 1.74    | 44.20 | 2.86    | 72.64 | 1.38    | 35.05 |
|                                       | 02            | 24                               |                         | 2.22         | 56.36 | 1.38    | 34.93 | 1.74    | 44.20 | 2.86    | 72.64 | 1.38    | 35.05 |
|                                       | 03            | 25                               |                         | 2.22         | 56.36 | 1.78    | 45.24 | 1.74    | 44.20 | 2.51    | 63.75 | 1.38    | 35.05 |
|                                       | 04            | 62                               |                         | 2.22         | 56.36 | 1.50    | 38.10 | 1.74    | 44.20 | 2.86    | 72.64 | 1.38    | 35.05 |
| 36                                    | 01            | 26                               | 36                      | 2.47         | 62.71 | 1.16    | 29.36 | 1.94    | 49.28 | 2.83    | 71.88 | 1.41    | 35.81 |
|                                       | 02            | 27                               |                         | 2.47         | 62.71 | 1.50    | 38.10 | 1.94    | 49.28 | 2.83    | 71.88 | 1.41    | 35.81 |
|                                       | 03            | 28                               |                         | 2.47         | 62.71 | 1.83    | 46.48 | 1.94    | 49.28 | 2.48    | 62.99 | 1.41    | 35.81 |
|                                       | 04            | 47                               |                         | 2.47         | 62.71 | 1.06    | 26.90 | 1.94    | 49.28 | 2.83    | 71.88 | 1.41    | 35.81 |
|                                       | 05            | 63                               |                         | 2.47         | 62.71 | 1.38    | 34.93 | 1.94    | 49.28 | 2.83    | 71.88 | 1.41    | 35.81 |
|                                       | 06            | 64                               |                         | 2.47         | 62.71 | 1.78    | 45.24 | 1.94    | 49.28 | 2.83    | 71.88 | 1.41    | 35.81 |
| 40                                    | 01            | 29                               | 40                      | 2.72         | 69.06 | 1.16    | 29.36 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 |
|                                       | 02            | 30                               |                         | 2.72         | 69.06 | 1.50    | 38.10 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 |
|                                       | 03            | 31                               |                         | 2.72         | 69.06 | 1.83    | 46.48 | 2.69    | 68.33 | 2.48    | 62.99 | 2.16    | 54.86 |
|                                       | 04            | 48                               |                         | 2.72         | 69.06 | 1.06    | 26.90 | 1.94    | 49.28 | 2.83    | 71.88 | 2.16    | 54.86 |
|                                       | 05            | 65                               |                         | 2.72         | 69.06 | 1.38    | 34.93 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 |
|                                       | 06            | 66                               |                         | 2.72         | 69.06 | 1.78    | 45.24 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 |
| 44                                    | 01            | 32                               | 44                      | 2.97         | 75.41 | 1.16    | 29.36 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 |
|                                       | 02            | 33                               |                         | 2.97         | 75.41 | 1.50    | 38.10 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 |
|                                       | 03            | 34                               |                         | 2.97         | 75.41 | 1.83    | 46.48 | 2.69    | 68.33 | 2.48    | 62.99 | 2.16    | 54.86 |
|                                       | 04            | 67                               |                         | 2.97         | 75.41 | 1.38    | 34.93 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 |
|                                       | 05            | 68                               |                         | 2.97         | 75.41 | 1.78    | 45.24 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 |
| 48                                    | 01            | 35                               | 48                      | 3.22         | 81.76 | 1.16    | 29.36 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 |
|                                       | 02            | 36                               |                         | 3.22         | 81.76 | 1.50    | 38.10 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 |
|                                       | 03            | 37                               |                         | 3.22         | 81.76 | 1.83    | 46.48 | 2.69    | 68.33 | 2.48    | 62.99 | 2.16    | 54.86 |
|                                       | 04            | 69                               |                         | 3.22         | 81.76 | 1.38    | 34.93 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 |
|                                       | 05            | 70                               |                         | 3.22         | 81.76 | 1.78    | 45.24 | 2.69    | 68.33 | 2.83    | 71.88 | 2.16    | 54.86 |

Table Continued

### Connector Group - J

90°, 45°

| TABLE - B                             |               |                                  |                         |         |       |         |       |             |       |      |       |
|---------------------------------------|---------------|----------------------------------|-------------------------|---------|-------|---------|-------|-------------|-------|------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |               | MIL PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL SIZE | F (MAX) |       | G (MAX) |       | CABLE RANGE |       |      |       |
| SHELL<br>SIZE                         | ENTRY<br>SIZE | DASH NO                          |                         | INCH    | MM    | INCH    | MM    | MIN         |       | MAX  |       |
|                                       |               |                                  |                         |         |       |         |       | INCH        | MM    | INCH | MM    |
| 08                                    | 01            | 3                                | 8                       | 1.25    | 31.75 | 0.96    | 24.31 | 0.13        | 3.18  | 0.25 | 6.35  |
| 10                                    | 01            | 4                                | 10                      | 1.92    | 48.77 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                       | 02            | 49*                              |                         | 1.98    | 50.29 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 03            | 5                                |                         | 1.31    | 33.27 | 1.15    | 29.08 | 0.25        | 6.35  | 0.38 | 9.53  |
| 12                                    | 01            | 6                                | 7/12                    | 1.98    | 50.29 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                       | 02            | 71*                              |                         | 2.18    | 55.37 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                       | 03            | 7                                |                         | 1.98    | 50.29 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 04            | 8                                |                         | 1.98    | 50.29 | 1.33    | 33.83 | 0.35        | 8.89  | 0.50 | 12.70 |
| 14                                    | 01            | 9                                | 12/14                   | 2.07    | 52.58 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 02            | 10                               |                         | 1.72    | 43.69 | 1.33    | 33.83 | 0.35        | 8.89  | 0.58 | 14.61 |
|                                       | 03            | 50*                              |                         | 2.37    | 60.20 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 04            | 74                               |                         | 2.07    | 52.58 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
| 16                                    | 01            | 11                               | 19/16                   | 2.18    | 55.37 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 02            | 12                               |                         | 1.82    | 46.23 | 1.55    | 39.40 | 0.50        | 12.70 | 0.70 | 17.78 |
|                                       | 03            | 40                               |                         | 2.18    | 55.37 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                       | 04            | 51*                              |                         | 2.52    | 64.01 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 05            | 75                               |                         | 2.18    | 55.37 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
| 18                                    | 01            | 13                               | 27/18                   | 2.37    | 60.20 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                       | 02            | 14                               |                         | 2.00    | 50.80 | 1.77    | 44.96 | 0.63        | 15.88 | 0.78 | 19.79 |
|                                       | 03            | 41                               |                         | 2.37    | 60.20 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                       | 04            | 42                               |                         | 2.37    | 60.20 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 05            | 52                               |                         | 2.37    | 60.20 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 06            | 72*                              |                         | 2.52    | 64.01 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
| 20                                    | 01            | 15                               | 37/20                   | 2.37    | 60.20 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                       | 02            | 16                               |                         | 2.00    | 50.80 | 1.77    | 44.96 | 0.63        | 15.88 | 0.90 | 22.96 |
|                                       | 03            | 43                               |                         | 2.37    | 60.20 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 04            | 54                               |                         | 2.37    | 60.20 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 05            | 55                               |                         | 2.57    | 65.28 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
| 22                                    | 01            | 17                               | 22                      | 2.52    | 64.01 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 02            | 18                               |                         | 2.16    | 54.86 | 2.11    | 53.67 | 0.88        | 22.23 | 1.03 | 26.14 |
|                                       | 03            | 44                               |                         | 2.52    | 64.01 | 0.96    | 24.31 | 0.13        | 3.18  | 0.31 | 7.92  |
|                                       | 04            | 45                               |                         | 2.52    | 64.01 | 1.15    | 29.08 | 0.25        | 6.35  | 0.44 | 11.10 |
|                                       | 05            | 56                               |                         | 2.52    | 64.01 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                       | 06            | 57                               |                         | 2.52    | 64.01 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 07            | 58*                              |                         | 2.57    | 65.28 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
| 24                                    | 01            | 19                               | 24                      | 2.52    | 64.01 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 02            | 20                               |                         | 2.16    | 54.86 | 2.11    | 53.67 | 0.88        | 22.23 | 1.14 | 29.06 |
|                                       | 03            | 46                               |                         | 2.52    | 64.01 | 1.33    | 33.83 | 0.35        | 8.89  | 0.63 | 15.88 |
|                                       | 04            | 59                               |                         | 2.52    | 64.01 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 05            | 73*                              |                         | 2.57    | 65.28 | 2.12    | 53.75 | 0.88        | 22.23 | 1.25 | 31.75 |
| 28                                    | 01            | 21                               | 28                      | 2.57    | 65.28 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 22                               |                         | 2.22    | 56.39 | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |
|                                       | 03            | 60                               |                         | 2.57    | 65.28 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 04            | 61                               |                         | 2.57    | 65.28 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
| 32                                    | 01            | 23                               | 32                      | 2.67    | 67.82 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 24                               |                         | 2.67    | 67.82 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                       | 03            | 25                               |                         | 2.32    | 58.93 | 2.77    | 70.36 | 1.25        | 31.75 | 1.63 | 41.28 |
|                                       | 04            | 62                               |                         | 2.67    | 67.82 | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |

Table Continued

Connector Group - J

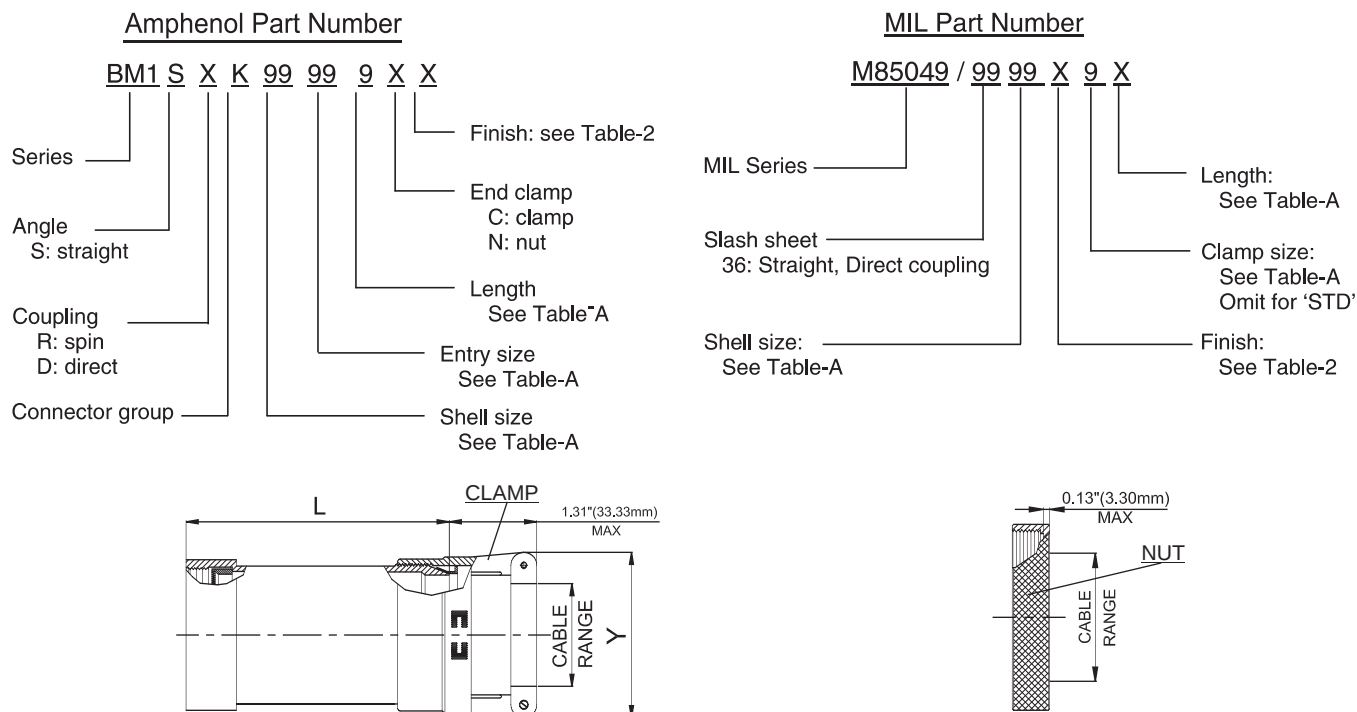
90°, 45°

| TABLE - B                             |               |                                  |                         |         |       |         |       |             |       |      |       |
|---------------------------------------|---------------|----------------------------------|-------------------------|---------|-------|---------|-------|-------------|-------|------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |               | MIL PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL SIZE | F (MAX) |       | G (MAX) |       | CABLE RANGE |       |      |       |
| SHELL<br>SIZE                         | ENTRY<br>SIZE | DASH NO                          |                         | INCH    | MM    | INCH    | MM    | MIN         |       | MAX  |       |
|                                       |               |                                  |                         |         |       |         |       | INCH        | MM    | INCH | MM    |
| 32                                    | 01            | 23                               | 32                      | 2.67    | 67.82 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 24                               |                         | 2.67    | 67.82 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                       | 03            | 25                               |                         | 2.32    | 58.93 | 2.77    | 70.36 | 1.25        | 31.75 | 1.63 | 41.28 |
|                                       | 04            | 62                               |                         | 2.67    | 67.82 | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |
| 36                                    | 01            | 26                               | 36                      | 2.76    | 70.10 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 27                               |                         | 2.76    | 70.10 | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |
|                                       | 03            | 28                               |                         | 2.41    | 61.21 | 3.02    | 76.71 | 1.44        | 36.50 | 1.84 | 46.74 |
|                                       | 04            | 47                               |                         | 2.76    | 70.10 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 05            | 63                               |                         | 2.76    | 70.10 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                       | 06            | 64                               |                         | 2.76    | 70.10 | 2.77    | 70.36 | 1.25        | 31.75 | 1.63 | 41.28 |
| 40                                    | 01            | 29                               | 40                      | 2.76    | 70.10 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 30                               |                         | 2.76    | 70.10 | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |
|                                       | 03            | 31                               |                         | 2.41    | 61.21 | 3.02    | 76.71 | 1.44        | 36.50 | 1.88 | 47.63 |
|                                       | 04            | 48                               |                         | 2.76    | 70.10 | 1.55    | 39.40 | 0.50        | 12.70 | 0.75 | 19.05 |
|                                       | 05            | 65                               |                         | 2.76    | 70.10 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                       | 06            | 66                               |                         | 2.76    | 70.10 | 2.77    | 70.36 | 1.25        | 31.75 | 1.63 | 41.28 |
| 44                                    | 01            | 32                               | 44                      | 2.76    | 70.10 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 33                               |                         | 2.76    | 70.10 | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |
|                                       | 03            | 34                               |                         | 2.41    | 61.21 | 3.02    | 76.71 | 1.44        | 36.50 | 1.88 | 47.63 |
|                                       | 04            | 67                               |                         | 2.76    | 70.10 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                       | 05            | 68                               |                         | 2.76    | 70.10 | 2.77    | 70.36 | 1.25        | 31.75 | 1.63 | 41.28 |
| 48                                    | 01            | 35                               | 48                      | 2.76    | 70.10 | 1.77    | 44.96 | 0.63        | 15.88 | 0.94 | 23.80 |
|                                       | 02            | 36                               |                         | 2.76    | 70.10 | 2.36    | 60.02 | 1.00        | 25.40 | 1.38 | 34.93 |
|                                       | 03            | 37                               |                         | 2.41    | 61.21 | 3.02    | 76.71 | 1.44        | 36.50 | 1.88 | 47.63 |
|                                       | 04            | 69                               |                         | 2.76    | 70.10 | 2.11    | 53.67 | 0.88        | 22.23 | 1.25 | 31.75 |
|                                       | 05            | 70                               |                         | 2.76    | 70.10 | 2.77    | 70.36 | 1.25        | 31.75 | 1.63 | 41.28 |



## Connector Group - K

## Straight



| TABLE - A                          |               |        |                               |               |        |                                        |             |       |      |       |         |       |         |       |
|------------------------------------|---------------|--------|-------------------------------|---------------|--------|----------------------------------------|-------------|-------|------|-------|---------|-------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | MIL PART NUMBER<br>DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE<br>SE – II / I | CABLE RANGE |       |      |       | L (MAX) |       | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH | ACCESSORY<br>SHELL SIZE       | CLAMP<br>SIZE | LENGTH |                                        | MIN         |       | MAX  |       | INCH    | MM    | INCH    | MM    |
|                                    |               |        |                               |               |        |                                        | INCH        | MM    | INCH | MM    |         |       |         |       |
| 08                                 | 01            | 1      | 08                            | 1             | STD.   | 8 / 9                                  | 0.06        | 1.57  | 0.13 | 3.18  | 1.53    | 38.86 | 0.78    | 19.81 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                               | 2             | STD.   |                                        | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26 |         |       |
| 10                                 | 01            | 1      | 10                            | 1             | STD.   | 10 / 11                                | 0.06        | 1.57  | 0.13 | 3.18  | 1.53    | 38.86 | 0.78    | 19.81 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                               | 2             | STD.   |                                        | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 03            | 1      |                               | 3             | STD.   |                                        | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26 |         |       |
| 12                                 | 01            | 1      | 12                            | 2             | STD.   | 12 / 13                                | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                               | 3             | STD.   |                                        | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    | 03            | 1      |                               | 4             | STD.   |                                        | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26 |         |       |
| 14                                 | 01            | 1      | 14                            | 2             | STD.   | 14 / 15                                | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 02            | 1      |                               | 3             | STD.   |                                        | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 03            | 1      |                               | 4             | STD.   |                                        | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 04            | 1      |                               | 5             | STD.   |                                        | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86 | 1.25    | 31.75 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66 |         |       |

Table Continued

### Connector Group - K

### Straight

| TABLE - A                          |               |        |                               |               |        |                                        |             |       |      |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------------|---------------|--------|----------------------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | MIL PART NUMBER<br>DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE<br>SE – II / I | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH | ACCESSORY<br>SHELL SIZE       | CLAMP<br>SIZE | LENGTH |                                        | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                               |               |        |                                        | INCH        | MM    | INCH | MM    |         |        |         |       |
| 16                                 | 01            | 1      | 16                            | 2             | STD.   | 16 / 17                                | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86  | 0.97    | 24.64 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 02            | 1      |                               | 3             | STD.   |                                        | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 03            | 1      |                               | 4             | STD.   |                                        | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 04            | 1      |                               | 5             | STD.   |                                        | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 05            | 1      |                               | 6             | STD.   |                                        | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
| 18                                 | 01            | 1      | 18                            | 3             | STD.   | 18 / 19                                | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 02            | 1      |                               | 4             | STD.   |                                        | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 03            | 1      |                               | 5             | STD.   |                                        | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 04            | 1      |                               | 6             | STD.   |                                        | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    | 05            | 1      |                               | 7             | STD.   |                                        | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
| 20                                 | 01            | 1      | 20                            | 3             | STD.   | 20 / 21                                | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                               | 4             | STD.   |                                        | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                               | 5             | STD.   |                                        | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                               | 6             | STD.   |                                        | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                               | 7             | STD.   |                                        | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                               | 8             | STD.   |                                        | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |

Table Continued



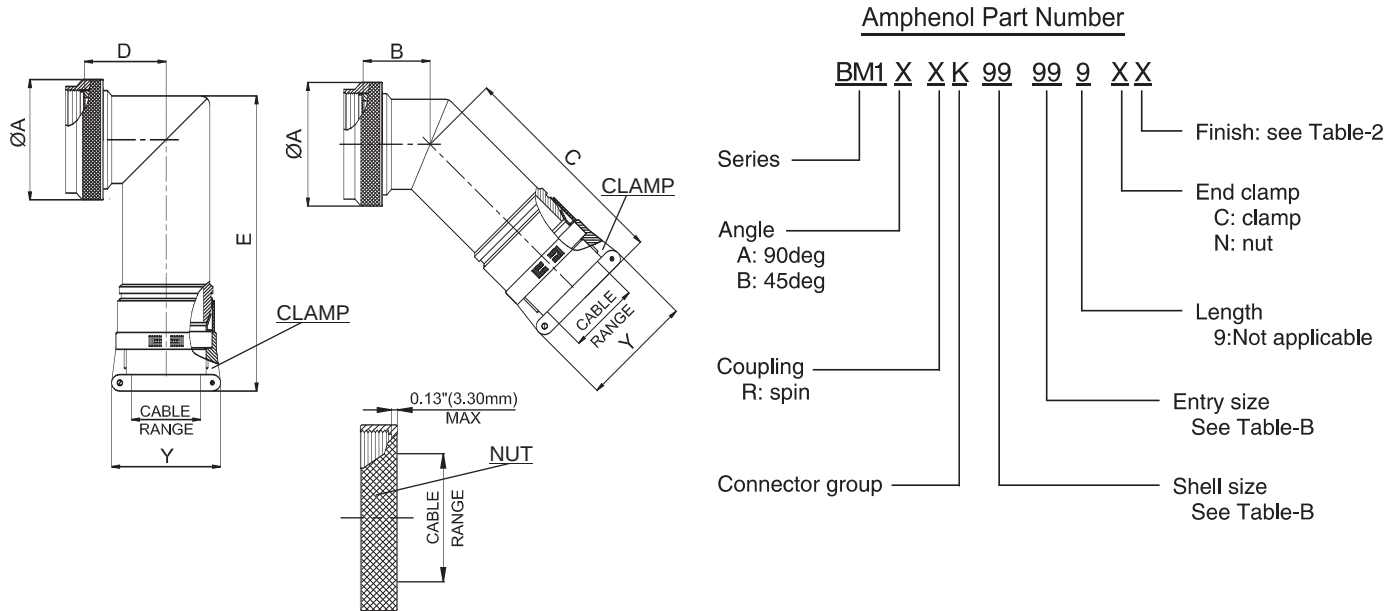
### Connector Group - K

### Straight

| TABLE - A                          |               |        |                               |               |        |                                        |             |       |      |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------------|---------------|--------|----------------------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | MIL PART NUMBER<br>DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE<br>SE – II / I | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH | ACCESSORY<br>SHELL SIZE       | CLAMP<br>SIZE | LENGTH |                                        | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                               |               |        |                                        | INCH        | MM    | INCH | MM    |         |        |         |       |
| 22                                 | 01            | 1      | 22                            | 3             | STD.   | 22 / 23                                | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                               | 4             | STD.   |                                        | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                               | 5             | STD.   |                                        | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                               | 6             | STD.   |                                        | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                               | 7             | STD.   |                                        | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                               | 8             | STD.   |                                        | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                               | 9             | STD.   |                                        | 0.94        | 23.80 | 1.13 | 28.58 | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
| 24                                 | 01            | 1      | 24                            | 4             | STD.   | 24 / 25                                | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                               | 5             | STD.   |                                        | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                               | 6             | STD.   |                                        | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                               | 7             | STD.   |                                        | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                               | 8             | STD.   |                                        | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                               | 9             | STD.   |                                        | 0.94        | 23.80 | 1.13 | 28.58 | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                               | 10            | STD.   |                                        | 1.06        | 26.97 | 1.25 | 31.75 | 1.53    | 38.86  | 1.88    | 47.75 |
|                                    |               | 2      |                               |               | A      |                                        |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                        |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                        |             |       |      |       | 4.53    | 115.06 |         |       |

### Connector Group - K

90°, 45°



**NOTE:** \* For more cable entry options, contact factory

| TABLE - B                          |               |                               |               |                                        |             |       |      |       |              |       |         |       |         |       |         |       |         |       |         |       |
|------------------------------------|---------------|-------------------------------|---------------|----------------------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               | MIL PART NUMBER<br>DESIGNATOR |               | CONNECTOR<br>SHELL SIZE<br>SE – II / I | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | SHELL SIZE                    | CLAMP<br>SIZE |                                        | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |
|                                    |               |                               |               |                                        | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |       |         |       |
| 08                                 | 01            | 08                            | 1             | 8 / 9                                  | 0.06        | 1.57  | 0.13 | 3.18  | 0.75         | 19.05 | 0.46    | 11.68 | 3.15    | 80.01 | 0.69    | 17.53 | 3.46    | 87.88 | 0.78    | 19.81 |
|                                    | 02            |                               | 2             |                                        | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 0.97    | 24.64 |
| 10                                 | 01            | 10                            | 1             | 10 / 11                                | 0.06        | 1.57  | 0.13 | 3.18  | 0.85         | 21.59 | 0.52    | 13.21 | 3.21    | 81.53 | 0.78    | 19.81 | 3.58    | 90.93 | 0.78    | 19.81 |
|                                    | 02            |                               | 2             |                                        | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 0.97    | 24.64 |
|                                    | 03            |                               | 3             |                                        | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
| 12                                 | 01            | 12                            | 2             | 12 / 13                                | 0.13        | 3.18  | 0.25 | 6.35  | 1.00         | 25.40 | 0.58    | 14.73 | 3.27    | 83.06 | 0.80    | 20.32 | 3.60    | 91.44 | 0.97    | 24.64 |
|                                    | 02            |                               | 3             |                                        | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                    | 03            |                               | 4             |                                        | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
| 14                                 | 01            | 14                            | 2             | 14 / 15                                | 0.13        | 3.18  | 0.25 | 6.35  | 1.15         | 29.21 | 0.65    | 16.51 | 3.36    | 85.34 | 0.88    | 22.35 | 3.67    | 93.22 | 0.97    | 24.64 |
|                                    | 02            |                               | 3             |                                        | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                    | 03            |                               | 4             |                                        | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
|                                    | 04            |                               | 5             |                                        | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |
| 16                                 | 01            | 16                            | 2             | 16 / 17                                | 0.13        | 3.18  | 0.25 | 6.35  | 1.25         | 31.75 | 0.74    | 18.80 | 3.47    | 88.14 | 0.93    | 23.62 | 3.76    | 95.50 | 0.97    | 24.64 |
|                                    | 02            |                               | 3             |                                        | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                    | 03            |                               | 4             |                                        | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
|                                    | 04            |                               | 5             |                                        | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |
|                                    | 05            |                               | 6             |                                        | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |       | 1.38    | 35.05 |
| 18                                 | 01            | 18                            | 3             | 18 / 19                                | 0.25        | 6.35  | 0.38 | 9.53  | 1.40         | 35.56 | 0.93    | 23.62 | 3.66    | 92.96 | 1.01    | 25.65 | 3.93    | 99.82 | 1.06    | 26.92 |
|                                    | 02            |                               | 4             |                                        | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
|                                    | 03            |                               | 5             |                                        | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |
|                                    | 04            |                               | 6             |                                        | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |       | 1.38    | 35.05 |
|                                    | 05            |                               | 7             |                                        | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |       | 1.50    | 38.10 |
| 20                                 | 01            | 20                            | 3             | 20 / 21                                | 0.25        | 6.35  | 0.38 | 9.53  | 1.55         | 39.37 | 0.93    | 23.62 | 3.66    | 92.96 | 1.06    | 26.92 | 3.93    | 99.82 | 1.06    | 26.92 |
|                                    | 02            |                               | 4             |                                        | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
|                                    | 03            |                               | 5             |                                        | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |
|                                    | 04            |                               | 6             |                                        | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |       | 1.38    | 35.05 |
|                                    | 05            |                               | 7             |                                        | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |       | 1.50    | 38.10 |
|                                    | 06            |                               | 8             |                                        | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |       | 1.63    | 41.40 |

Table Continued

### Connector Group - K

90°, 45°

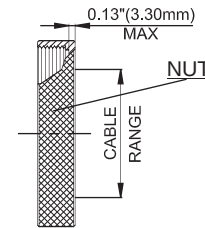
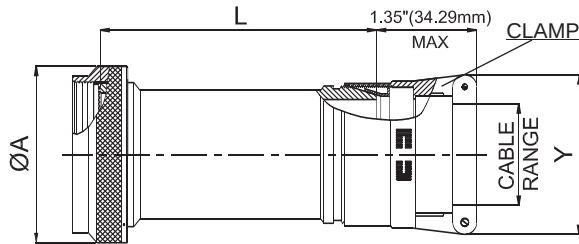
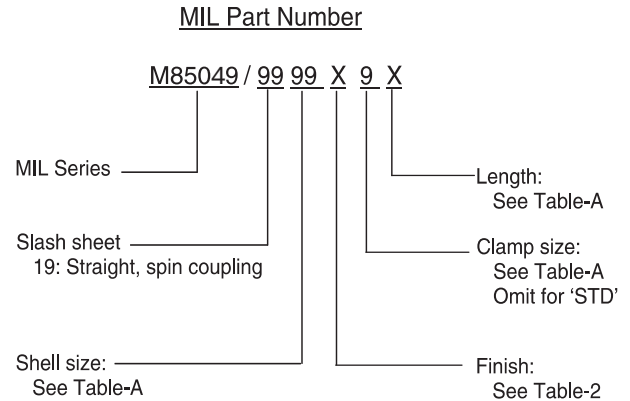
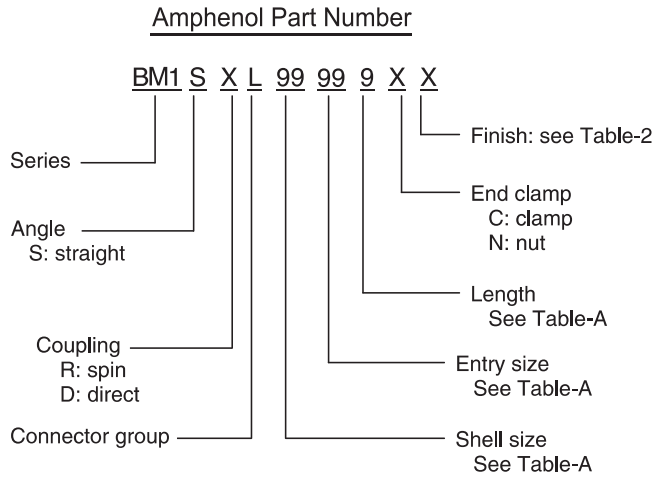
TABLE - B

| TABLE - B                          |               |                               |               |                                        |             |       |      |       |              |       |         |       |         |       |         |       |         |        |         |       |
|------------------------------------|---------------|-------------------------------|---------------|----------------------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               | MIL PART NUMBER<br>DESIGNATOR |               | CONNECTOR<br>SHELL SIZE<br>SE – II / I | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | SHELL SIZE                    | CLAMP<br>SIZE |                                        | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM     | INCH    | MM    |
|                                    |               |                               |               |                                        | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |        |         |       |
| 22                                 | 01            | 22                            | 3             | 22 / 23                                | 0.25        | 6.35  | 0.38 | 9.53  | 1.65         | 41.91 | 1.02    | 25.91 | 3.81    | 96.77 | 1.17    | 29.72 | 4.04    | 102.62 | 1.06    | 26.92 |
|                                    | 02            |                               | 4             |                                        | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                    | 03            |                               | 5             |                                        | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                    | 04            |                               | 6             |                                        | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                    | 05            |                               | 7             |                                        | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                    | 06            |                               | 8             |                                        | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
|                                    | 07            |                               | 9             |                                        | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
| 24                                 | 01            | 24                            | 4             | 24 / 25                                | 0.31        | 7.92  | 0.50 | 12.70 | 1.85         | 46.99 | 1.02    | 25.91 | 3.81    | 96.77 | 1.18    | 29.97 | 4.04    | 102.62 | 1.16    | 29.46 |
|                                    | 02            |                               | 5             |                                        | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                    | 03            |                               | 6             |                                        | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                    | 04            |                               | 7             |                                        | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                    | 05            |                               | 8             |                                        | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
|                                    | 06            |                               | 9             |                                        | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
|                                    | 07            |                               | 10            |                                        | 1.06        | 26.97 | 1.25 | 31.75 |              |       |         |       |         |       |         |       |         |        | 1.88    | 47.75 |



### Connector Group - L

### Straight



**NOTE:** \* For more cable entry and length options, contact factory

| TABLE - A                          |               |        |                               |               |        |                                           |             |       |       |       |              |       |         |       |         |       |
|------------------------------------|---------------|--------|-------------------------------|---------------|--------|-------------------------------------------|-------------|-------|-------|-------|--------------|-------|---------|-------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | MIL PART NUMBER<br>DESIGNATOR |               |        | CONNECTOR<br>SHELL<br>SIZE/CODE<br>(REF.) | CABLE RANGE |       |       |       | A DIA. (MAX) |       | L (MAX) |       | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH | CONNECTOR<br>SHELL SIZE       | CLAMP<br>SIZE | LENGTH |                                           | MIN         |       | MAX   |       | INCH         | MM    | INCH    | MM    | INCH    | MM    |
|                                    |               |        |                               |               |        |                                           | INCH        | MM    | INCH  | MM    |              |       |         |       |         |       |
| 08                                 | 01            | 1      | 09                            | 1             | STD.   | 09 / A                                    | 0.06        | 1.57  | 0.13  | 3.18  | 0.75         | 19.05 | 1.53    | 38.86 | 0.80    | 20.32 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |       |       |              |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                               | STD.          | 0.13   |                                           | 3.18        | 0.25  | 6.35  | 1.53  |              |       | 38.86   | 1.00  | 25.40   |       |
|                                    |               | 2      |                               | A             |        |                                           |             |       |       | 2.53  |              |       | 64.26   |       |         |       |
| 10                                 | 01            | 1      | 11                            | 1             | STD.   | 11 / B                                    | 0.06        | 1.57  | 0.13  | 3.18  | 0.85         | 21.59 | 1.53    | 38.86 | 0.80    | 20.32 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |       |       |              |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                               | STD.          | 0.13   |                                           | 3.18        | 0.25  | 6.35  | 1.53  |              |       | 38.86   | 1.00  | 25.40   |       |
|                                    |               | 2      |                               | A             |        |                                           |             |       |       | 2.53  |              |       | 64.26   |       |         |       |
|                                    | 03            | 1      |                               | STD.          | 0.25   |                                           | 6.35        | 0.38  | 9.53  | 1.53  |              |       | 38.86   | 1.10  | 27.94   |       |
|                                    |               | 2      |                               | A             |        |                                           |             |       |       | 2.53  |              |       | 64.26   |       |         |       |
| 12                                 | 01            | 1      | 13                            | 2             | STD.   | 13 / C                                    | 0.13        | 3.18  | 0.25  | 6.35  | 1.00         | 25.40 | 1.53    | 38.86 | 1.00    | 25.40 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |       |       |              |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                               | STD.          | 0.25   |                                           | 6.35        | 0.38  | 9.53  | 1.53  |              |       | 38.86   | 1.10  | 27.94   |       |
|                                    |               | 2      |                               | A             |        |                                           |             |       |       | 2.53  |              |       | 64.26   |       |         |       |
|                                    | 03            | 1      |                               | STD.          | 0.31   |                                           | 7.92        | 0.50  | 12.70 | 1.53  |              |       | 38.86   | 1.20  | 30.48   |       |
|                                    |               | 2      |                               | A             |        |                                           |             |       |       | 2.53  |              |       | 64.26   |       |         |       |
| 14                                 | 01            | 1      | 15                            | 2             | STD.   | 15 / D                                    | 0.13        | 3.18  | 0.25  | 6.35  | 1.10         | 27.94 | 1.53    | 38.86 | 1.00    | 25.40 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |       |       |              |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |       |       |              |       | 3.53    | 89.66 |         |       |
|                                    | 02            | 1      |                               | 3             | STD.   |                                           | 0.25        | 6.35  | 0.38  | 9.53  |              |       | 1.53    | 38.86 | 1.10    | 27.94 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |       |       |              |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |       |       |              |       | 3.53    | 89.66 |         |       |
|                                    | 03            | 1      |                               | 4             | STD.   |                                           | 0.31        | 7.92  | 0.50  | 12.70 |              |       | 1.53    | 38.86 | 1.20    | 30.48 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |       |       |              |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |       |       |              |       | 3.53    | 89.66 |         |       |
|                                    | 04            | 1      |                               | 5             | STD.   |                                           | 0.44        | 11.10 | 0.63  | 15.88 |              |       | 1.53    | 38.86 | 1.25    | 31.75 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |       |       |              |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |       |       |              |       | 3.53    | 89.66 |         |       |

Table Continued

### Connector Group - L

### Straight

TABLE - A

| TABLE - A                          |               |        |                               |               |        |                                           |             |        |        |       |              |        |         |       |         |       |       |      |       |      |       |
|------------------------------------|---------------|--------|-------------------------------|---------------|--------|-------------------------------------------|-------------|--------|--------|-------|--------------|--------|---------|-------|---------|-------|-------|------|-------|------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | MIL PART NUMBER<br>DESIGNATOR |               |        | CONNECTOR<br>SHELL<br>SIZE/CODE<br>(REF.) | CABLE RANGE |        |        |       | A DIA. (MAX) |        | L (MAX) |       | Y (MAX) |       |       |      |       |      |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH | CONNECTOR<br>SHELL SIZE       | CLAMP<br>SIZE | LENGTH |                                           | MIN         |        | MAX    |       | INCH         | MM     | INCH    | MM    | INCH    | MM    |       |      |       |      |       |
|                                    |               |        |                               |               |        |                                           | INCH        | MM     | INCH   | MM    |              |        |         |       |         |       |       |      |       |      |       |
| 16                                 | 01            | 1      | 17                            | 2             | STD.   | 17 / E                                    | 0.13        | 3.18   | 0.25   | 6.35  | 1.25         | 31.75  | 1.53    | 38.86 | 1.00    | 25.40 |       |      |       |      |       |
|                                    |               | 2      |                               |               | A      |                                           |             |        |        |       |              |        | 2.53    | 64.26 |         |       |       |      |       |      |       |
|                                    |               | 3      |                               |               | B      |                                           |             |        |        |       |              |        | 3.53    | 89.66 |         |       |       |      |       |      |       |
|                                    | 02            | 1      |                               | 3             | STD.   |                                           | 0.25        | 6.35   | 0.38   | 9.53  |              |        | 1.53    | 38.86 | 1.10    | 27.94 |       |      |       |      |       |
|                                    |               | 2      |                               |               | A      |                                           |             |        |        |       |              |        | 2.53    | 64.26 |         |       |       |      |       |      |       |
|                                    |               | 3      |                               |               | B      |                                           |             |        |        |       |              |        | 3.53    | 89.66 |         |       |       |      |       |      |       |
|                                    | 03            | 1      |                               | 4             | STD.   |                                           | 0.31        | 7.92   | 0.50   | 12.70 |              |        | 1.53    | 38.86 | 1.20    | 30.48 |       |      |       |      |       |
|                                    |               | 2      |                               |               | A      |                                           |             |        |        |       |              |        | 2.53    | 64.26 |         |       |       |      |       |      |       |
|                                    |               | 3      |                               |               | B      |                                           |             |        |        |       |              |        | 3.53    | 89.66 |         |       |       |      |       |      |       |
|                                    | 04            | 1      |                               | 5             | STD.   |                                           | 0.44        | 11.10  | 0.63   | 15.88 |              |        | 1.53    | 38.86 | 1.25    | 31.75 |       |      |       |      |       |
|                                    |               | 2      |                               |               | A      |                                           |             |        |        |       |              |        | 2.53    | 64.26 |         |       |       |      |       |      |       |
|                                    |               | 3      |                               |               | B      |                                           |             |        |        |       |              |        | 3.53    | 89.66 |         |       |       |      |       |      |       |
|                                    | 05            | 1      |                               | 6             | STD.   |                                           | 0.56        | 14.27  | 0.75   | 19.05 |              |        | 1.53    | 38.86 | 1.40    | 35.56 |       |      |       |      |       |
|                                    |               | 2      |                               |               | A      |                                           |             |        |        |       |              |        | 2.53    | 64.26 |         |       |       |      |       |      |       |
|                                    |               | 3      |                               |               | B      |                                           |             |        |        |       |              |        | 3.53    | 89.66 |         |       |       |      |       |      |       |
|                                    | 18            | 01     |                               | 1             | 19     |                                           | 3           | STD.   | 19 / F | 0.25  |              |        | 6.35    | 0.38  | 9.53    | 1.40  | 35.56 | 1.53 | 38.86 | 1.10 | 27.94 |
|                                    |               |        |                               | 2             |        |                                           |             | A      |        |       |              |        |         |       |         |       |       | 2.53 | 64.26 |      |       |
|                                    |               |        |                               | 3             |        |                                           |             | B      |        |       |              |        |         |       |         |       |       | 3.53 | 89.66 |      |       |
| 02                                 |               | 1      | 4                             | STD.          |        | 0.31                                      | 7.92        | 0.50   |        | 12.70 | 1.53         | 38.86  | 1.20    | 30.48 |         |       |       |      |       |      |       |
|                                    |               | 2      |                               | A             |        |                                           |             |        |        |       | 2.53         | 64.26  |         |       |         |       |       |      |       |      |       |
|                                    |               | 3      |                               | B             |        |                                           |             |        |        |       | 3.53         | 89.66  |         |       |         |       |       |      |       |      |       |
| 03                                 |               | 1      | 5                             | STD.          |        | 0.44                                      | 11.10       | 0.63   |        | 15.88 | 1.53         | 38.86  | 1.25    | 31.75 |         |       |       |      |       |      |       |
|                                    |               | 2      |                               | A             |        |                                           |             |        |        |       | 2.53         | 64.26  |         |       |         |       |       |      |       |      |       |
|                                    |               | 3      |                               | B             |        |                                           |             |        |        |       | 3.53         | 89.66  |         |       |         |       |       |      |       |      |       |
| 04                                 |               | 1      | 6                             | STD.          |        | 0.56                                      | 14.27       | 0.75   |        | 19.05 | 1.53         | 38.86  | 1.40    | 35.56 |         |       |       |      |       |      |       |
|                                    |               | 2      |                               | A             |        |                                           |             |        |        |       | 2.53         | 64.26  |         |       |         |       |       |      |       |      |       |
|                                    |               | 3      |                               | B             |        |                                           |             |        |        |       | 3.53         | 89.66  |         |       |         |       |       |      |       |      |       |
| 05                                 |               | 1      | 7                             | STD.          |        | 0.69                                      | 17.45       | 0.88   |        | 22.23 | 1.53         | 38.86  | 1.50    | 38.10 |         |       |       |      |       |      |       |
|                                    |               | 2      |                               | A             |        |                                           |             |        |        |       | 2.53         | 64.26  |         |       |         |       |       |      |       |      |       |
|                                    |               | 3      |                               | B             |        |                                           |             |        |        |       | 3.53         | 89.66  |         |       |         |       |       |      |       |      |       |
| 20                                 |               | 01     | 1                             | 21            |        | 3                                         | STD.        | 21 / G |        | 0.25  | 6.35         | 0.38   | 9.53    | 1.50  | 38.10   |       |       | 1.53 | 38.86 | 1.10 | 27.94 |
|                                    |               |        | 2                             |               |        |                                           | A           |        |        |       |              |        |         |       |         |       |       | 2.53 | 64.26 |      |       |
|                                    |               |        | 3                             |               |        |                                           | B           |        |        |       |              |        |         |       |         |       |       | 3.53 | 89.66 |      |       |
|                                    | 4             |        | C                             |               | 4.53   |                                           | 115.06      |        |        |       |              |        |         |       |         |       |       |      |       |      |       |
|                                    | 02            | 1      | 4                             |               | STD.   | 0.31                                      | 7.92        |        | 0.50   | 12.70 | 1.53         | 38.86  | 1.20    |       |         | 30.48 |       |      |       |      |       |
|                                    |               | 2      |                               |               | A      |                                           |             |        |        |       | 2.53         | 64.26  |         |       |         |       |       |      |       |      |       |
|                                    |               | 3      |                               |               | B      |                                           |             |        |        |       | 3.53         | 89.66  |         |       |         |       |       |      |       |      |       |
|                                    |               | 4      |                               |               | C      |                                           |             |        |        |       | 4.53         | 115.06 |         |       |         |       |       |      |       |      |       |
|                                    | 03            | 1      | 5                             |               | STD.   | 0.44                                      | 11.10       |        | 0.63   | 15.88 | 1.53         | 38.86  | 1.25    |       |         | 31.75 |       |      |       |      |       |
|                                    |               | 2      |                               |               | A      |                                           |             |        |        |       | 2.53         | 64.26  |         |       |         |       |       |      |       |      |       |
|                                    |               | 3      |                               |               | B      |                                           |             |        |        |       | 3.53         | 89.66  |         |       |         |       |       |      |       |      |       |
|                                    |               | 4      |                               |               | C      |                                           |             |        |        |       | 4.53         | 115.06 |         |       |         |       |       |      |       |      |       |
|                                    | 04            | 1      | 6                             |               | STD.   | 0.56                                      | 14.27       |        | 0.75   | 19.05 | 1.53         | 38.86  | 1.40    |       |         | 35.56 |       |      |       |      |       |
|                                    |               | 2      |                               |               | A      |                                           |             |        |        |       | 2.53         | 64.26  |         |       |         |       |       |      |       |      |       |
|                                    |               | 3      |                               |               | B      |                                           |             |        |        |       | 3.53         | 89.66  |         |       |         |       |       |      |       |      |       |
|                                    |               | 4      |                               |               | C      |                                           |             |        |        |       | 4.53         | 115.06 |         |       |         |       |       |      |       |      |       |
|                                    | 05            | 1      | 7                             |               | STD.   | 0.69                                      | 17.45       |        | 0.88   | 22.23 | 1.53         | 38.86  | 1.50    |       |         | 38.10 |       |      |       |      |       |
|                                    |               | 2      |                               |               | A      |                                           |             |        |        |       | 2.53         | 64.26  |         |       |         |       |       |      |       |      |       |
|                                    |               | 3      |                               |               | B      |                                           |             |        |        |       | 3.53         | 89.66  |         |       |         |       |       |      |       |      |       |
|                                    |               | 4      |                               |               | C      |                                           |             |        |        |       | 4.53         | 115.06 |         |       |         |       |       |      |       |      |       |
|                                    | 06            | 1      | 8                             |               | STD.   | 0.81                                      | 20.62       |        | 1.00   | 25.40 | 1.53         | 38.86  | 1.65    |       |         | 41.91 |       |      |       |      |       |
|                                    |               | 2      |                               |               | A      |                                           |             |        |        |       | 2.53         | 64.26  |         |       |         |       |       |      |       |      |       |
|                                    |               | 3      |                               |               | B      |                                           |             |        |        |       | 3.53         | 89.66  |         |       |         |       |       |      |       |      |       |
|                                    |               | 4      |                               |               | C      |                                           |             |        |        |       | 4.53         | 115.06 |         |       |         |       |       |      |       |      |       |

Table Continued

### Connector Group - L

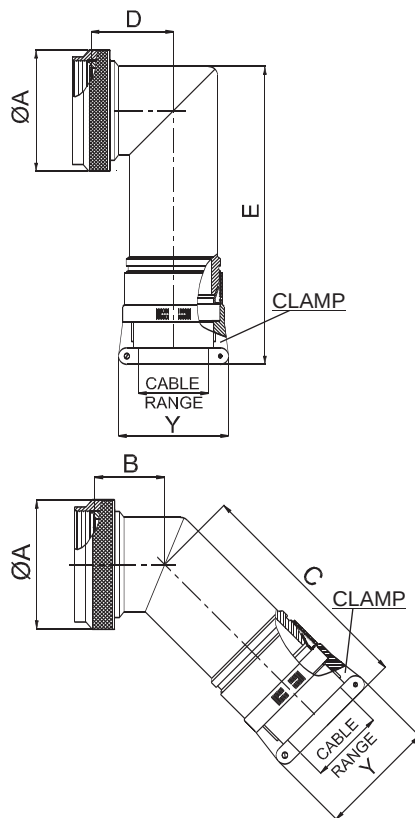
### Straight

TABLE - A

| TABLE - A                          |               |        |                               |               |        |                                           |             |       |      |       |              |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------------|---------------|--------|-------------------------------------------|-------------|-------|------|-------|--------------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | MIL PART NUMBER<br>DESIGNATOR |               |        | CONNECTOR<br>SHELL<br>SIZE/CODE<br>(REF.) | CABLE RANGE |       |      |       | A DIA. (MAX) |       | L (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH | CONNECTOR<br>SHELL SIZE       | CLAMP<br>SIZE | LENGTH |                                           | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                               |               |        |                                           | INCH        | MM    | INCH | MM    |              |       |         |        |         |       |
| 22                                 | 01            | 1      | 23                            | 3             | STD.   | 23 / H                                    | 0.25        | 6.35  | 0.38 | 9.53  | 1.65         | 41.91 | 1.53    | 38.86  | 1.10    | 27.94 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                               | 4             | STD.   |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       | 1.53    | 38.86  | 1.20    | 30.48 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                               | 5             | STD.   |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                               | 6             | STD.   |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       | 1.53    | 38.86  | 1.40    | 35.56 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                               | 7             | STD.   |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                               | 8             | STD.   |                                           | 0.81        | 20.62 | 1.00 | 25.40 |              |       | 1.53    | 38.86  | 1.65    | 41.91 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                               | 9             | STD.   |                                           | 0.94        | 23.80 | 1.13 | 28.58 |              |       | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
| 24                                 | 01            | 1      | 25                            | 4             | STD.   | 25 / J                                    | 0.31        | 7.92  | 0.50 | 12.70 | 1.75         | 44.45 | 1.53    | 38.86  | 1.20    | 30.48 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                               | 5             | STD.   |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                               | 6             | STD.   |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       | 1.53    | 38.86  | 1.40    | 35.56 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                               | 7             | STD.   |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                               | 8             | STD.   |                                           | 0.81        | 20.62 | 1.00 | 25.40 |              |       | 1.53    | 38.86  | 1.65    | 41.91 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                               | 9             | STD.   |                                           | 0.94        | 23.80 | 1.13 | 28.58 |              |       | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                               | 10            | STD.   |                                           | 1.06        | 26.97 | 1.25 | 31.75 |              |       | 1.53    | 38.86  | 1.90    | 48.26 |
|                                    |               | 2      |                               |               | A      |                                           |             |       |      |       |              |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                               |               | B      |                                           |             |       |      |       |              |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                               |               | C      |                                           |             |       |      |       |              |       | 4.53    | 115.06 |         |       |

### Connector Group - L

90°, 45°



**Amphenol Part Number**

BM1 X X L 99 99 9 X X

Series ——— BM1

Angle ——— X  
A: 90deg  
B: 45deg

Coupling ——— X  
R: spin

Connector group ——— L

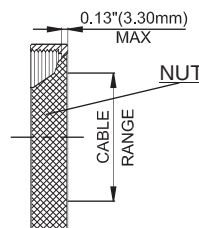
Finish: see Table-2 ——— X

End clamp  
C: clamp  
N: nut ——— X

Length  
9: Not applicable ——— 9

Entry size  
See Table-B ——— 99

Shell size  
See Table-B ——— 99



**NOTE:** \* For more cable entry options, contact factory

**TABLE - B**

| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |    | CONNECTOR<br>SHELL<br>SIZE/CODE<br>(REF.) | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | Y (MAX) |       |
|---------------------------------------|----|-------------------------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
|                                       |    |                                           | MIN         |       | MAX  |       |              |       |         |       |         |       |         |       |         |       |         |       |
|                                       |    |                                           | INCH        | MM    | INCH | MM    | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |
| 08                                    | 01 | 09 / A                                    | 0.06        | 1.57  | 0.13 | 3.18  | 0.75         | 19.05 | 0.46    | 11.68 | 3.15    | 80.01 | 0.69    | 17.53 | 3.46    | 87.88 | 0.80    | 20.32 |
|                                       | 02 |                                           | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 1.00    | 25.40 |
| 10                                    | 01 | 11 / B                                    | 0.06        | 1.57  | 0.13 | 3.18  | 0.85         | 21.59 | 0.52    | 13.21 | 3.21    | 81.53 | 0.78    | 19.81 | 3.58    | 90.93 | 0.80    | 20.32 |
|                                       | 02 |                                           | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 1.00    | 25.40 |
|                                       | 03 |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.10    | 27.94 |
| 12                                    | 01 | 13 / C                                    | 0.13        | 3.18  | 0.25 | 6.35  | 1.00         | 25.40 | 0.58    | 14.73 | 3.27    | 83.06 | 0.80    | 20.32 | 3.60    | 91.44 | 1.00    | 25.40 |
|                                       | 02 |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.10    | 27.94 |
|                                       | 03 |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.20    | 30.48 |
| 14                                    | 01 | 15 / D                                    | 0.13        | 3.18  | 0.25 | 6.35  | 1.15         | 29.21 | 0.65    | 16.51 | 3.36    | 85.34 | 0.88    | 22.35 | 3.67    | 93.22 | 1.00    | 25.40 |
|                                       | 02 |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.10    | 27.94 |
|                                       | 03 |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.20    | 30.48 |
|                                       | 04 |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |
| 16                                    | 01 | 17 / E                                    | 0.13        | 3.18  | 0.25 | 6.35  | 1.25         | 31.75 | 0.74    | 18.80 | 3.47    | 88.14 | 0.93    | 23.62 | 3.76    | 95.50 | 1.00    | 25.40 |
|                                       | 02 |                                           | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.10    | 27.94 |
|                                       | 03 |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.20    | 30.48 |
|                                       | 04 |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |
|                                       | 05 |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |       | 1.40    | 35.56 |
| 18                                    | 01 | 19 / F                                    | 0.25        | 6.35  | 0.38 | 9.53  | 1.40         | 35.56 | 0.93    | 23.62 | 3.66    | 92.96 | 1.01    | 25.65 | 3.93    | 99.82 | 1.10    | 27.94 |
|                                       | 02 |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.20    | 30.48 |
|                                       | 03 |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |
|                                       | 04 |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |       | 1.40    | 35.56 |
|                                       | 05 |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |       | 1.50    | 38.10 |

Table Continued

Connector Group - L

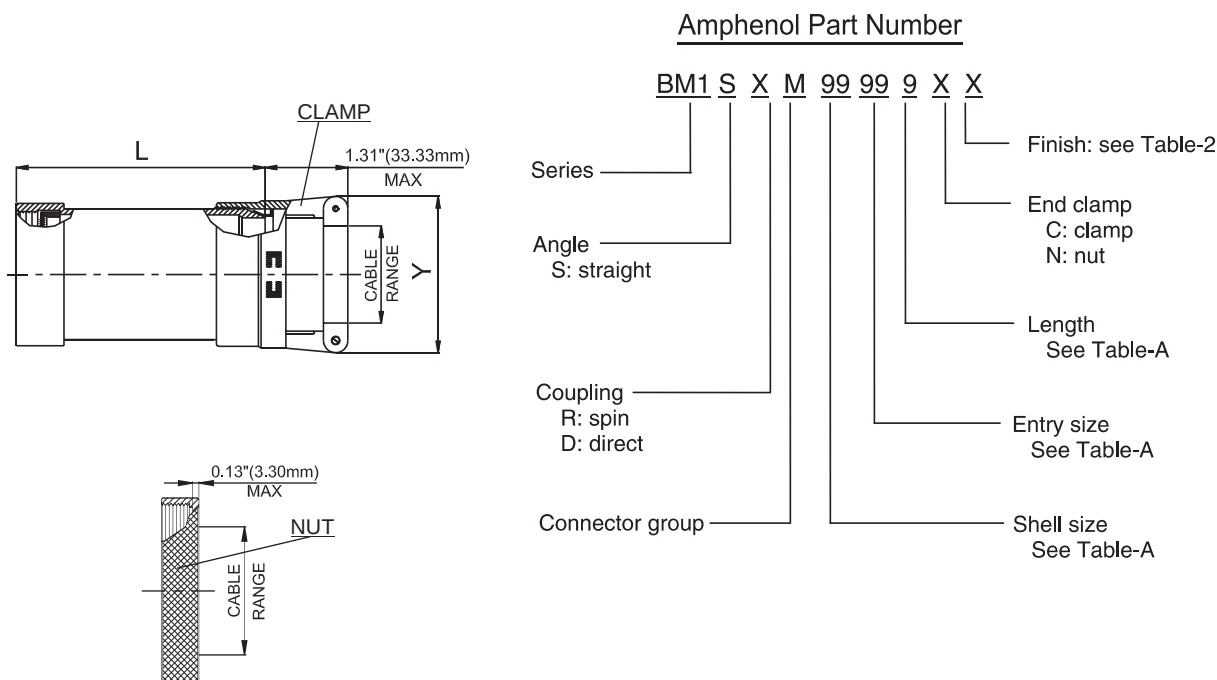
90°, 45°

TABLE - B

| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |    | CONNECTOR<br>SHELL<br>SIZE/CODE<br>(REF.) | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |        | Y (MAX) |       |
|---------------------------------------|----|-------------------------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|--------|---------|-------|
|                                       |    |                                           | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM     | INCH    | MM    |
|                                       |    |                                           | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |        |         |       |
| 20                                    | 01 | 21 / G                                    | 0.25        | 6.35  | 0.38 | 9.53  | 1.55         | 39.37 | 0.93    | 23.62 | 3.66    | 92.96 | 1.06    | 26.92 | 3.93    | 99.82  | 1.10    | 27.94 |
|                                       | 02 |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.20    | 30.48 |
|                                       | 03 |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04 |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.40    | 35.56 |
|                                       | 05 |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06 |                                           | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.65    | 41.91 |
| 22                                    | 01 | 23 / H                                    | 0.25        | 6.35  | 0.38 | 9.53  | 1.65         | 41.91 | 1.02    | 25.91 | 3.81    | 96.77 | 1.17    | 29.72 | 4.04    | 102.62 | 1.10    | 27.94 |
|                                       | 02 |                                           | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.20    | 30.48 |
|                                       | 03 |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04 |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.40    | 35.56 |
|                                       | 05 |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06 |                                           | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.65    | 41.91 |
|                                       | 07 |                                           | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
| 24                                    | 01 | 25 / J                                    | 0.31        | 7.92  | 0.50 | 12.70 | 1.85         | 46.99 | 1.02    | 25.91 | 3.81    | 96.77 | 1.18    | 29.97 | 4.04    | 102.62 | 1.20    | 30.48 |
|                                       | 02 |                                           | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 03 |                                           | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.40    | 35.56 |
|                                       | 04 |                                           | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 05 |                                           | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.65    | 41.91 |
|                                       | 06 |                                           | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
|                                       | 07 |                                           | 1.06        | 26.97 | 1.25 | 31.75 |              |       |         |       |         |       |         |       |         |        | 1.90    | 48.26 |

### Connector Group - M

### Straight



**NOTE:** \* For more cable entry and length options, contact factory

| TABLE - A                          |               |        |                         |             |      |      |       |         |       |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|------|------|-------|---------|-------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |      |      |       | L (MAX) |       | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |      | MAX  |       |         |       |         |       |
|                                    |               |        |                         | INCH        | MM   | INCH | MM    |         |       |         |       |
| 08                                 | 01            | 1      | 8                       | 0.06        | 1.57 | 0.13 | 3.18  | 1.53    | 38.86 | 0.78    | 19.81 |
|                                    |               | 2      |                         |             |      |      | 2.53  | 64.26   |       |         |       |
|                                    | 02            | 1      |                         | 0.13        | 3.18 | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |      |      | 2.53  | 64.26   |       |         |       |
| 10                                 | 01            | 1      | 10                      | 0.06        | 1.57 | 0.13 | 3.18  | 1.53    | 38.86 | 0.78    | 19.81 |
|                                    |               | 2      |                         |             |      |      | 2.53  | 64.26   |       |         |       |
|                                    | 02            | 1      |                         | 0.13        | 3.18 | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |      |      | 2.53  | 64.26   |       |         |       |
|                                    | 03            | 1      |                         | 0.25        | 6.35 | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |      |      | 2.53  | 64.26   |       |         |       |
| 12                                 | 01            | 1      | 12                      | 0.13        | 3.18 | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |      |      | 2.53  | 64.26   |       |         |       |
|                                    | 02            | 1      |                         | 0.25        | 6.35 | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |      |      | 2.53  | 64.26   |       |         |       |
|                                    | 03            | 1      |                         | 0.31        | 7.92 | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |      |      | 2.53  | 64.26   |       |         |       |
| 14                                 | 01            | 1      | 14                      |             |      |      |       | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         | 0.13        | 3.18 | 0.25 | 6.35  | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |      |      |       | 3.53    | 89.66 |         |       |

Table Continued

Connector Group - M

Straight

| TABLE - A                          |               |        |                         |             |       |      |       |         |       |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|-------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |       | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       | INCH    | MM    | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |       |         |       |
| 14                                 | 02            | 1      | 14                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 03            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 04            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86 | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
| 16                                 | 01            | 1      | 16                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 02            | 1      |                         | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 03            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 04            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86 | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 05            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86 | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
| 18                                 | 01            | 1      | 18                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86 | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 04            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86 | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 05            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86 | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |

Table Continued



### Connector Group - M

Straight

| TABLE - A                          |               |        |                         |             |       |      |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |        |         |       |
| 20                                 | 01            | 1      | 20                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
| 22                                 | 01            | 1      | 22                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |

Table Continued



Connector Group - M

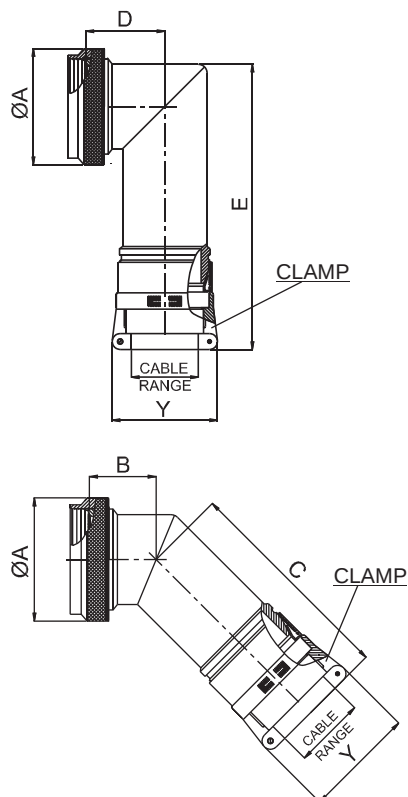
Straight

| TABLE - A                          |               |        |                         |             |       |      |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |        |         |       |
| 22                                 | 05            | 1      | 22                      | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                         | 0.94        | 23.80 | 1.13 | 28.58 | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
| 24                                 | 01            | 1      | 24                      | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.94        | 23.80 | 1.13 | 28.58 | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                         | 1.06        | 26.97 | 1.25 | 31.75 | 1.53    | 38.86  | 1.88    | 47.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |



### Connector Group - M

90°, 45°



#### Amphenol Part Number

BM1 X X M 99 99 9 X X

Series ————

Angle ————  
A: 90deg  
B: 45deg

Coupling ————  
R: spin

Connector group ————

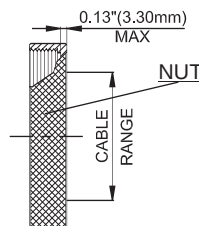
Finish: see Table-2

End clamp  
C: clamp  
N: nut

Length  
9: Not applicable

Entry size  
See Table-B

Shell size  
See Table-B



NOTE: \* For more cable entry options, contact factory

TABLE - B

| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |    | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | Y (MAX) |       |
|---------------------------------------|----|-------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
|                                       |    |                         | MIN         |       | MAX  |       |              |       |         |       |         |       |         |       |         |       |         |       |
|                                       |    |                         | INCH        | MM    | INCH | MM    | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |
| 08                                    | 01 | 8                       | 0.06        | 1.57  | 0.13 | 3.18  | 0.75         | 19.05 | 0.46    | 11.68 | 3.15    | 80.01 | 0.69    | 17.53 | 3.46    | 87.88 | 0.78    | 19.81 |
|                                       | 02 |                         | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 0.97    | 24.64 |
| 10                                    | 01 | 10                      | 0.06        | 1.57  | 0.13 | 3.18  | 0.85         | 21.59 | 0.52    | 13.21 | 3.21    | 81.53 | 0.78    | 19.81 | 3.58    | 90.93 | 0.78    | 19.81 |
|                                       | 02 |                         | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 0.97    | 24.64 |
|                                       | 03 |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
| 12                                    | 01 | 12                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.00         | 25.40 | 0.58    | 14.73 | 3.27    | 83.06 | 0.80    | 20.32 | 3.60    | 91.44 | 0.97    | 24.64 |
|                                       | 02 |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                       | 03 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
| 14                                    | 01 | 14                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.15         | 29.21 | 0.65    | 16.51 | 3.36    | 85.34 | 0.88    | 22.35 | 3.67    | 93.22 | 0.97    | 24.64 |
|                                       | 02 |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                       | 03 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
|                                       | 04 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |

Table Continued

Connector Group - M

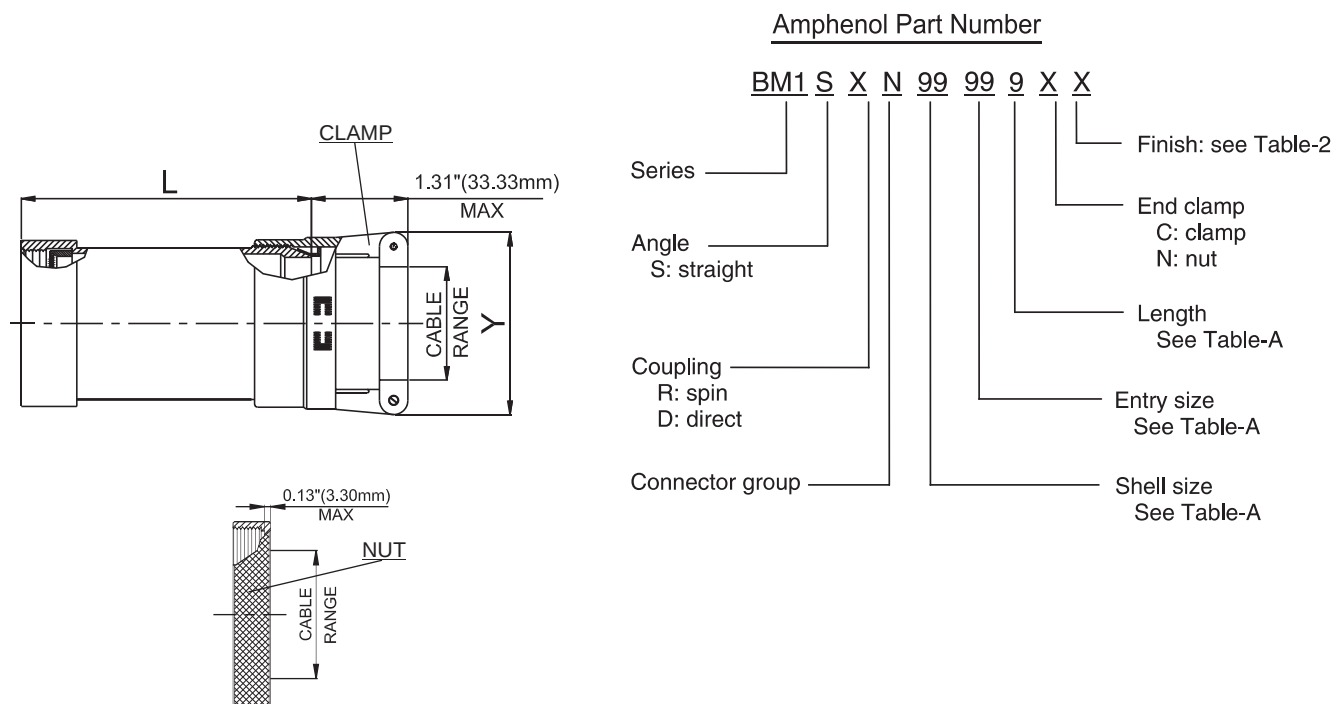
90°, 45°

TABLE - B

| TABLE - B                             |               |                         |             |       |      |       |              |       |         |       |         |       |         |       |         |        |         |       |
|---------------------------------------|---------------|-------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|--------|---------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |               | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                         | ENTRY<br>SIZE |                         | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM     | INCH    | MM    |
|                                       |               |                         | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |        |         |       |
| 16                                    | 01            | 16                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.25         | 31.75 | 0.74    | 18.80 | 3.47    | 88.14 | 0.93    | 23.62 | 3.76    | 95.50  | 0.97    | 24.64 |
|                                       | 02            |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |        | 1.06    | 26.92 |
|                                       | 03            |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 04            |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 05            |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
| 18                                    | 01            | 18                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.40         | 35.56 | 0.93    | 23.62 | 3.66    | 92.96 | 1.01    | 25.65 | 3.93    | 99.82  | 1.06    | 26.92 |
|                                       | 02            |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03            |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04            |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05            |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
| 20                                    | 01            | 20                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.55         | 39.37 | 0.93    | 23.62 | 3.66    | 92.96 | 1.06    | 26.92 | 3.93    | 99.82  | 1.06    | 26.92 |
|                                       | 02            |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03            |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04            |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05            |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06            |                         | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
| 22                                    | 01            | 22                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.65         | 41.91 | 1.02    | 25.91 | 3.81    | 96.77 | 1.17    | 29.72 | 4.04    | 102.62 | 1.06    | 26.92 |
|                                       | 02            |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03            |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04            |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05            |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06            |                         | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
|                                       | 07            |                         | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
| 24                                    | 01            | 24                      | 0.31        | 7.92  | 0.50 | 12.70 | 1.85         | 46.99 | 1.02    | 25.91 | 3.81    | 96.77 | 1.18    | 29.97 | 4.04    | 102.62 | 1.16    | 29.46 |
|                                       | 02            |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 03            |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 04            |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 05            |                         | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
|                                       | 06            |                         | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
|                                       | 07            |                         | 1.06        | 26.97 | 1.25 | 31.75 |              |       |         |       |         |       |         |       |         |        | 1.88    | 47.75 |

### Connector Group - N

### Straight



**NOTE:** \* For more cable entry and length options, contact factory

| TABLE - A                          |               |        |                         |             |      |      |       |         |       |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|------|------|-------|---------|-------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |      |      |       | L (MAX) |       | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |      | MAX  |       |         |       |         |       |
|                                    |               |        |                         | INCH        | MM   | INCH | MM    |         |       |         |       |
| 08                                 | 01            | 1      | 8                       | 0.06        | 1.57 | 0.13 | 3.18  | 1.53    | 38.86 | 0.78    | 19.81 |
|                                    |               | 2      |                         |             |      |      |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                         | 0.13        | 3.18 | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |      |      |       | 2.53    | 64.26 |         |       |
| 10                                 | 01            | 1      | 10                      | 0.06        | 1.57 | 0.13 | 3.18  | 1.53    | 38.86 | 0.78    | 19.81 |
|                                    |               | 2      |                         |             |      |      |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                         | 0.13        | 3.18 | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |      |      |       | 2.53    | 64.26 |         |       |
|                                    | 03            | 1      |                         | 0.25        | 6.35 | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |      |      |       | 2.53    | 64.26 |         |       |
| 12                                 | 01            | 1      | 12                      | 0.13        | 3.18 | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |      |      |       | 2.53    | 64.26 |         |       |
|                                    | 02            | 1      |                         | 0.25        | 6.35 | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |      |      |       | 2.53    | 64.26 |         |       |
|                                    | 03            | 1      |                         | 0.31        | 7.92 | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |      |      |       | 2.53    | 64.26 |         |       |
| 14                                 | 01            | 1      | 14                      | 0.13        | 3.18 | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |      |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |      |      |       | 3.53    | 89.66 |         |       |

Table Continued

Connector Group - N

Straight

| TABLE - A                          |               |        |                         |             |       |      |       |         |       |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|-------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |       | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       |         |       | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |       |         |       |
| 14                                 | 02            | 1      | 14                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 03            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 04            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86 | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
| 16                                 | 01            | 1      | 16                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.53    | 38.86 | 0.97    | 24.64 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 02            | 1      |                         | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 03            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 04            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86 | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 05            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86 | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
| 18                                 | 01            | 1      | 18                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86 | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86 | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86 | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 04            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86 | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |
|                                    | 05            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86 | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26 |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66 |         |       |

Table Continued



### Connector Group - N

Straight

| TABLE - A                          |               |        |                         |             |       |      |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |        |         |       |
| 20                                 | 01            | 1      | 20                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
| 22                                 | 01            | 1      | 22                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.53    | 38.86  | 1.06    | 26.92 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |

Table Continued



Connector Group - N

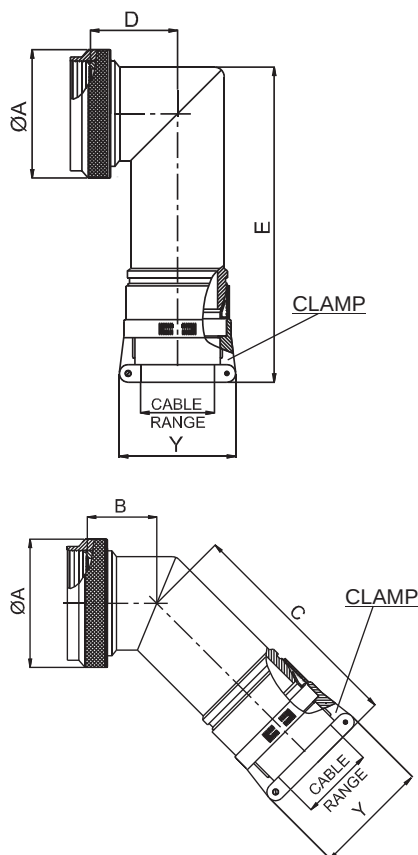
Straight

| TABLE - A                          |               |        |                         |             |       |      |       |         |        |         |       |
|------------------------------------|---------------|--------|-------------------------|-------------|-------|------|-------|---------|--------|---------|-------|
| AMPHENOL PART<br>NUMBER DESIGNATOR |               |        | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | L (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                      | ENTRY<br>SIZE | LENGTH |                         | MIN         |       | MAX  |       | INCH    | MM     | INCH    | MM    |
|                                    |               |        |                         | INCH        | MM    | INCH | MM    |         |        |         |       |
| 22                                 | 04            | 1      | 22                      | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                         | 0.94        | 23.80 | 1.13 | 28.58 | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
| 24                                 | 01            | 1      | 24                      | 0.31        | 7.92  | 0.50 | 12.70 | 1.53    | 38.86  | 1.16    | 29.46 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 02            | 1      |                         | 0.44        | 11.10 | 0.63 | 15.88 | 1.53    | 38.86  | 1.25    | 31.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 03            | 1      |                         | 0.56        | 14.27 | 0.75 | 19.05 | 1.53    | 38.86  | 1.38    | 35.05 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 04            | 1      |                         | 0.69        | 17.45 | 0.88 | 22.23 | 1.53    | 38.86  | 1.50    | 38.10 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 05            | 1      |                         | 0.81        | 20.62 | 1.00 | 25.40 | 1.53    | 38.86  | 1.63    | 41.40 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 06            | 1      |                         | 0.94        | 23.80 | 1.13 | 28.58 | 1.53    | 38.86  | 1.75    | 44.45 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |
|                                    | 07            | 1      |                         | 1.06        | 26.97 | 1.25 | 31.75 | 1.53    | 38.86  | 1.88    | 47.75 |
|                                    |               | 2      |                         |             |       |      |       | 2.53    | 64.26  |         |       |
|                                    |               | 3      |                         |             |       |      |       | 3.53    | 89.66  |         |       |
|                                    |               | 4      |                         |             |       |      |       | 4.53    | 115.06 |         |       |



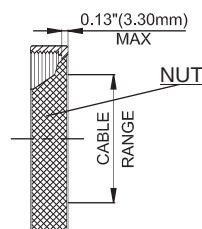
## Connector Group - N

90°, 45°



## Amphenol Part Number

|                     |     |   |   |   |    |    |   |   |   |  |
|---------------------|-----|---|---|---|----|----|---|---|---|--|
|                     | BM1 | X | X | N | 99 | 99 | 9 | X | X |  |
| Series              |     |   |   |   |    |    |   |   |   |  |
| Angle               |     |   |   |   |    |    |   |   |   |  |
| A: 90deg            |     |   |   |   |    |    |   |   |   |  |
| B: 45deg            |     |   |   |   |    |    |   |   |   |  |
| Coupling            |     |   |   |   |    |    |   |   |   |  |
| R: spin             |     |   |   |   |    |    |   |   |   |  |
| Connector group     |     |   |   |   |    |    |   |   |   |  |
| Finish: see Table-2 |     |   |   |   |    |    |   |   |   |  |
| End clamp           |     |   |   |   |    |    |   |   |   |  |
| C: clamp            |     |   |   |   |    |    |   |   |   |  |
| N: nut              |     |   |   |   |    |    |   |   |   |  |
| Length              |     |   |   |   |    |    |   |   |   |  |
| 9: Not applicable   |     |   |   |   |    |    |   |   |   |  |
| Entry size          |     |   |   |   |    |    |   |   |   |  |
| See Table-B         |     |   |   |   |    |    |   |   |   |  |
| Shell size          |     |   |   |   |    |    |   |   |   |  |
| See Table-B         |     |   |   |   |    |    |   |   |   |  |



NOTE: \* For more cable entry options, contact factory

TABLE - B

| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |    | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | Y (MAX) |       |
|---------------------------------------|----|-------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
|                                       |    |                         | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    |
|                                       |    |                         | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |       |         |       |
| 08                                    | 01 | 8                       | 0.06        | 1.57  | 0.13 | 3.18  | 0.75         | 19.05 | 0.46    | 11.68 | 3.15    | 80.01 | 0.69    | 17.53 | 3.46    | 87.88 | 0.78    | 19.81 |
|                                       | 02 |                         | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 0.97    | 24.64 |
| 10                                    | 01 | 10                      | 0.06        | 1.57  | 0.13 | 3.18  | 0.85         | 21.59 | 0.52    | 13.21 | 3.21    | 81.53 | 0.78    | 19.81 | 3.58    | 90.93 | 0.78    | 19.81 |
|                                       | 02 |                         | 0.13        | 3.18  | 0.25 | 6.35  |              |       |         |       |         |       |         |       |         |       | 0.97    | 24.64 |
|                                       | 03 |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
| 12                                    | 01 | 12                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.00         | 25.40 | 0.58    | 14.73 | 3.27    | 83.06 | 0.80    | 20.32 | 3.60    | 91.44 | 0.97    | 24.64 |
|                                       | 02 |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                       | 03 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
| 14                                    | 01 | 14                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.15         | 29.21 | 0.65    | 16.51 | 3.36    | 85.34 | 0.88    | 22.35 | 3.67    | 93.22 | 0.97    | 24.64 |
|                                       | 02 |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |       | 1.06    | 26.92 |
|                                       | 03 |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |       | 1.16    | 29.46 |
|                                       | 04 |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |       | 1.25    | 31.75 |

Table Continued

Connector Group - N

90°, 45°

| TABLE - B                             |               |                         |             |       |      |       |              |       |         |       |         |       |         |       |         |        |         |       |
|---------------------------------------|---------------|-------------------------|-------------|-------|------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|--------|---------|-------|
| AMPHENOL<br>PART NUMBER<br>DESIGNATOR |               | CONNECTOR<br>SHELL SIZE | CABLE RANGE |       |      |       | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |        | Y (MAX) |       |
| SHELL<br>SIZE                         | ENTRY<br>SIZE |                         | MIN         |       | MAX  |       | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM     | INCH    | MM    |
|                                       |               |                         | INCH        | MM    | INCH | MM    |              |       |         |       |         |       |         |       |         |        |         |       |
| 16                                    | 01            | 16                      | 0.13        | 3.18  | 0.25 | 6.35  | 1.25         | 31.75 | 0.74    | 18.80 | 3.47    | 88.14 | 0.93    | 23.62 | 3.76    | 95.50  | 0.97    | 24.64 |
|                                       | 02            |                         | 0.25        | 6.35  | 0.38 | 9.53  |              |       |         |       |         |       |         |       |         |        | 1.06    | 26.92 |
|                                       | 03            |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 04            |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 05            |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
| 18                                    | 01            | 18                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.40         | 35.56 | 0.93    | 23.62 | 3.66    | 92.96 | 1.01    | 25.65 | 3.93    | 99.82  | 1.06    | 26.92 |
|                                       | 02            |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03            |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04            |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05            |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
| 20                                    | 01            | 20                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.55         | 39.37 | 0.93    | 23.62 | 3.66    | 92.96 | 1.06    | 26.92 | 3.93    | 99.82  | 1.06    | 26.92 |
|                                       | 02            |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03            |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04            |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05            |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06            |                         | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
| 22                                    | 01            | 22                      | 0.25        | 6.35  | 0.38 | 9.53  | 1.65         | 41.91 | 1.02    | 25.91 | 3.81    | 96.77 | 1.17    | 29.72 | 4.04    | 102.62 | 1.06    | 26.92 |
|                                       | 02            |                         | 0.31        | 7.92  | 0.50 | 12.70 |              |       |         |       |         |       |         |       |         |        | 1.16    | 29.46 |
|                                       | 03            |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 04            |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 05            |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 06            |                         | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
|                                       | 07            |                         | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
| 24                                    | 01            | 24                      | 0.31        | 7.92  | 0.50 | 12.70 | 1.85         | 46.99 | 1.02    | 25.91 | 3.81    | 96.77 | 1.18    | 29.97 | 4.04    | 102.62 | 1.16    | 29.46 |
|                                       | 02            |                         | 0.44        | 11.10 | 0.63 | 15.88 |              |       |         |       |         |       |         |       |         |        | 1.25    | 31.75 |
|                                       | 03            |                         | 0.56        | 14.27 | 0.75 | 19.05 |              |       |         |       |         |       |         |       |         |        | 1.38    | 35.05 |
|                                       | 04            |                         | 0.69        | 17.45 | 0.88 | 22.23 |              |       |         |       |         |       |         |       |         |        | 1.50    | 38.10 |
|                                       | 05            |                         | 0.81        | 20.62 | 1.00 | 25.40 |              |       |         |       |         |       |         |       |         |        | 1.63    | 41.40 |
|                                       | 06            |                         | 0.94        | 23.80 | 1.13 | 28.58 |              |       |         |       |         |       |         |       |         |        | 1.75    | 44.45 |
|                                       | 07            |                         | 1.06        | 26.97 | 1.25 | 31.75 |              |       |         |       |         |       |         |       |         |        | 1.88    | 47.75 |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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