

# QUICK CLAMP



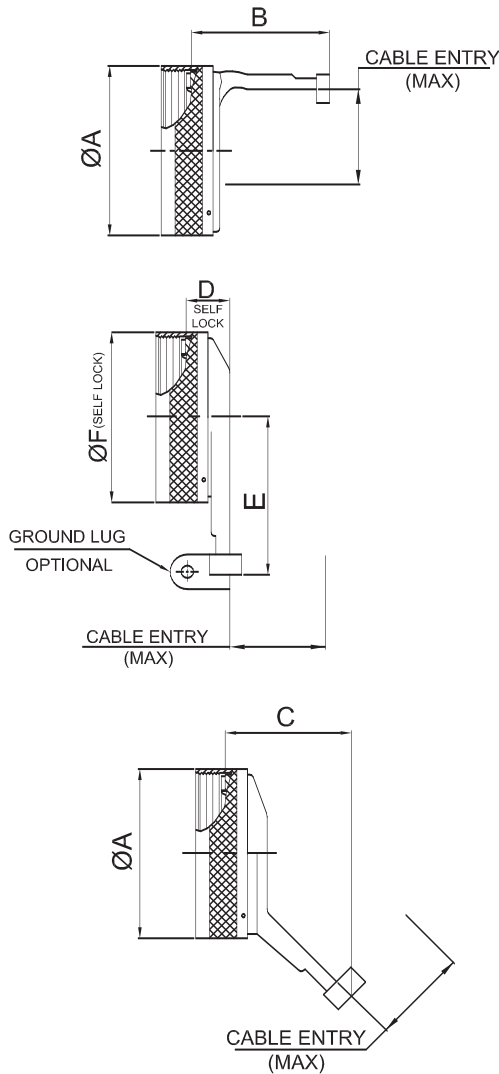
Many applications call for just tidying up the cable in the desired direction with a “minimum weight” consideration. Amphenol Quick Clamps are useful for such applications. It finds applications in interior wiring of flying machines

| For Connector Group |   | Page No. |
|---------------------|---|----------|
| J                   | → | X-1      |
| K                   | → | X-2      |
| L                   | → | X-3      |
| M                   | → | X-4      |

**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, 90°, 45°



#### Amphenol Part Number

Amphenol Part Number: BQ1 X X J 99 999 X X

- Series: BQ1
- Angle: X (S: straight, A: 90deg, B: 45deg)
- Coupling: X (R: spin, S: self lock)
- Connector group: J
- Shell size: 99
- End Lug: 999
- Finish: X (see Table-2)

Example: M85049

#### MIL Part Number

MIL Part Number: M85049 / 99 S 9 X

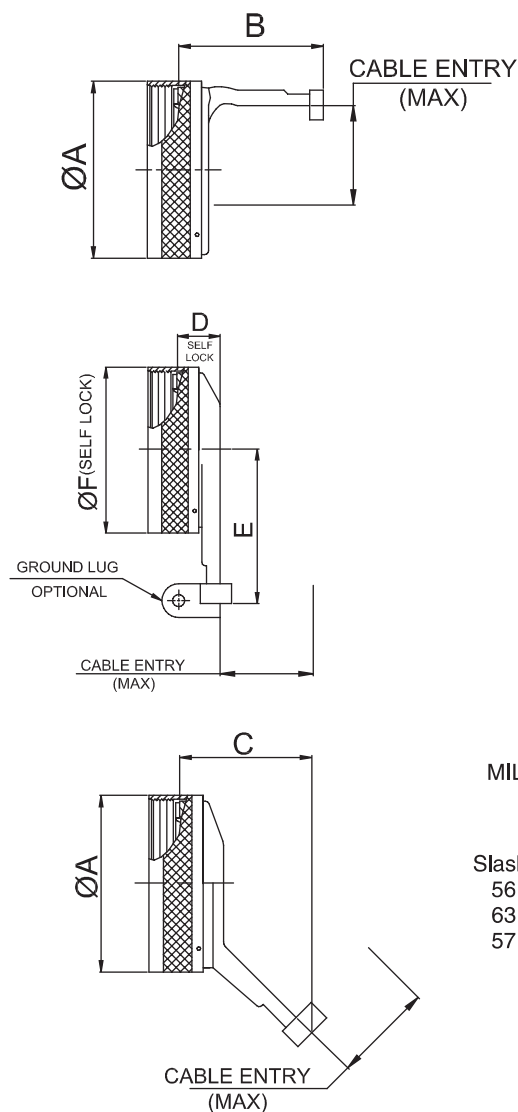
- MIL Series: M85049
- Slash sheet: 99 (53: Straight, 55: 90deg bent, 54: 45deg bent)
- Coupling: S (": Non self lock, G: Non-self lock with grounding lug (only for 90deg), S: Self lock (only for 90deg), T: Self lock with grounding lug (only for 90deg))
- Finish: X (See Table-2)
- Dash Number: 9 (See Table-A)

TABLE - A

| AMPHENOL PART NUMBER DESIGNATOR | MIL PART NUMBER DESIGNATOR | CONNECTOR SHELL SIZE | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | F DIA. (MAX) |       | WIRING ENTRY (MAX) |       |
|---------------------------------|----------------------------|----------------------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|--------------|-------|--------------------|-------|
| SHELL SIZE                      | DASH NO                    |                      | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH         | MM    | INCH               | MM    |
| 08                              | 08                         | 8                    | 0.66         | 16.69 | 0.95    | 24.23 | 1.23    | 31.29 | 0.73    | 18.54 | 1.22    | 30.99 | 0.89         | 22.48 | 0.26               | 6.60  |
| 10                              | 10                         | 10                   | 0.78         | 19.86 | 0.95    | 24.23 | 1.23    | 31.29 | 0.73    | 18.54 | 1.29    | 32.77 | 1.01         | 25.65 | 0.37               | 9.27  |
| 12                              | 12                         | 7/12                 | 0.94         | 23.80 | 0.95    | 24.23 | 1.23    | 31.29 | 0.73    | 18.54 | 1.62    | 41.15 | 1.14         | 28.83 | 0.50               | 12.73 |
| 14                              | 14                         | 12/14                | 1.05         | 26.67 | 1.20    | 30.58 | 1.23    | 31.29 | 0.73    | 18.54 | 1.66    | 42.16 | 1.26         | 32.00 | 0.58               | 14.61 |
| 16                              | 16                         | 19/16                | 1.24         | 31.47 | 1.20    | 30.58 | 1.23    | 31.29 | 0.73    | 18.54 | 1.72    | 43.69 | 1.39         | 35.18 | 0.70               | 17.78 |
| 18                              | 18                         | 27/18                | 1.38         | 35.00 | 1.20    | 30.58 | 1.23    | 31.29 | 0.73    | 18.54 | 1.72    | 43.69 | 1.51         | 38.35 | 0.78               | 19.79 |
| 20                              | 20                         | 37/20                | 1.50         | 38.10 | 1.31    | 33.27 | 1.48    | 37.64 | 0.75    | 19.05 | 1.79    | 45.47 | 1.64         | 41.53 | 0.90               | 22.96 |
| 22                              | 22                         | 22                   | 1.63         | 41.43 | 1.43    | 36.32 | 1.48    | 37.64 | 0.75    | 19.05 | 1.85    | 46.99 | 1.76         | 44.70 | 1.03               | 26.14 |
| 24                              | 24                         | 24                   | 1.75         | 44.45 | 1.56    | 39.62 | 1.48    | 37.64 | 0.75    | 19.05 | 1.91    | 48.51 | 1.89         | 47.88 | 1.14               | 29.06 |
| 28                              | 28                         | 28                   | 1.97         | 50.04 | 1.56    | 39.62 | 1.47    | 37.31 | 0.75    | 19.05 | 2.06    | 52.32 | 2.14         | 54.23 | 1.38               | 35.03 |

## Connector Group - K

Straight, 90°, 45°



## Amphenol Part Number

BQ1 X X K 99 999 X X  
 Series ———  
 Angle ———  
 S: straight  
 A: 90deg  
 B: 45deg  
 Coupling ———  
 R: spin  
 S: self lock  
 Connector group ———  
 Finish: see Table-2  
 End Lug: L  
 None: X  
 constant: 999  
 Shell size  
 See Table-A

## MIL Part Number

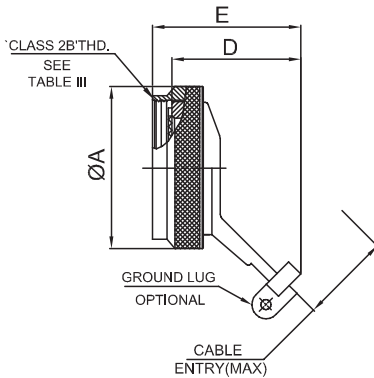
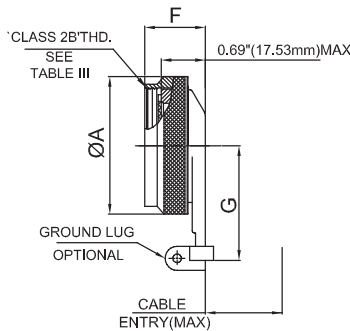
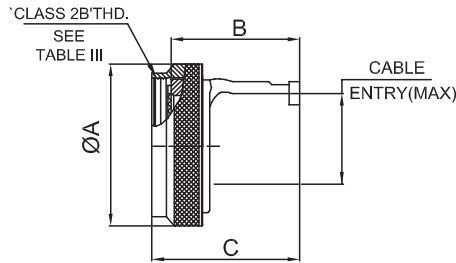
M85049 / 99 S 9 X  
 MIL Series ———  
 Slash sheet ———  
 56 : Straight  
 63 : 90deg bent  
 57 : 45deg bent  
 Finish: See Table-2  
 Dash Number: See Table-A  
 Coupling:  
 S : Self lock (only for 90/45deg)  
 G : Self lock with grounding lug (only for 90/45deg)  
 “-” : Non self lock

TABLE - A

| AMPHENOL<br>PART<br>NUMBER<br>DESIGNATOR | MIL PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL SIZE<br>SIZE | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | F DIA. (MAX) |       | WIRING<br>ENTRY (MAX) |       |
|------------------------------------------|----------------------------------|---------------------------------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|--------------|-------|-----------------------|-------|
| SHELL SIZE                               | DASH NO                          |                                 | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH         | MM    | INCH                  | MM    |
| 08                                       | 08                               | 8                               | 0.66         | 16.69 | 0.95    | 24.23 | 1.23    | 31.29 | 0.73    | 18.54 | 1.22    | 30.99 | 0.89         | 22.48 | 0.26                  | 6.60  |
| 10                                       | 10                               | 10                              | 0.78         | 19.86 | 0.95    | 24.23 | 1.23    | 31.29 | 0.73    | 18.54 | 1.29    | 32.77 | 1.01         | 25.65 | 0.37                  | 9.27  |
| 12                                       | 12                               | 7/12                            | 0.94         | 23.80 | 0.95    | 24.23 | 1.23    | 31.29 | 0.73    | 18.54 | 1.62    | 41.15 | 1.14         | 28.83 | 0.50                  | 12.73 |
| 14                                       | 14                               | 12/14                           | 1.05         | 26.67 | 1.20    | 30.58 | 1.23    | 31.29 | 0.73    | 18.54 | 1.66    | 42.16 | 1.26         | 32.00 | 0.58                  | 14.61 |
| 16                                       | 16                               | 19/16                           | 1.24         | 31.47 | 1.20    | 30.58 | 1.23    | 31.29 | 0.73    | 18.54 | 1.72    | 43.69 | 1.39         | 35.18 | 0.70                  | 17.78 |
| 18                                       | 18                               | 27/18                           | 1.38         | 35.00 | 1.20    | 30.58 | 1.23    | 31.29 | 0.73    | 18.54 | 1.72    | 43.69 | 1.51         | 38.35 | 0.78                  | 19.79 |
| 20                                       | 20                               | 37/20                           | 1.50         | 38.10 | 1.31    | 33.27 | 1.48    | 37.64 | 0.75    | 19.05 | 1.79    | 45.47 | 1.64         | 41.53 | 0.90                  | 22.96 |
| 22                                       | 22                               | 22                              | 1.63         | 41.43 | 1.43    | 36.32 | 1.48    | 37.64 | 0.75    | 19.05 | 1.85    | 46.99 | 1.76         | 44.70 | 1.03                  | 26.14 |
| 24                                       | 24                               | 24                              | 1.75         | 44.45 | 1.56    | 39.62 | 1.48    | 37.64 | 0.75    | 19.05 | 1.91    | 48.51 | 1.89         | 47.88 | 1.14                  | 29.06 |
| 28                                       | 28                               | 28                              | 1.97         | 50.04 | 1.56    | 39.62 | 1.47    | 37.31 | 0.75    | 19.05 | 2.06    | 52.32 | 2.14         | 54.23 | 1.38                  | 35.03 |

### Connector Group - L

Straight, 90°, 45°



#### Amphenol Part Number

Amphenol Part Number: BQ1 X X L 99 999 X X

- Series: BQ1
- Angle: X (S: straight, A: 90deg, B: 45deg)
- Coupling: X (R: spin, S: self lock)
- Connector group: L
- Shell size: 99 (See Table-A)
- Finish: see Table-2
- End Lug: L (None: X)
- constant: 999

#### MIL Part Number

MIL Part Number: M85049 / 99 S 9 X

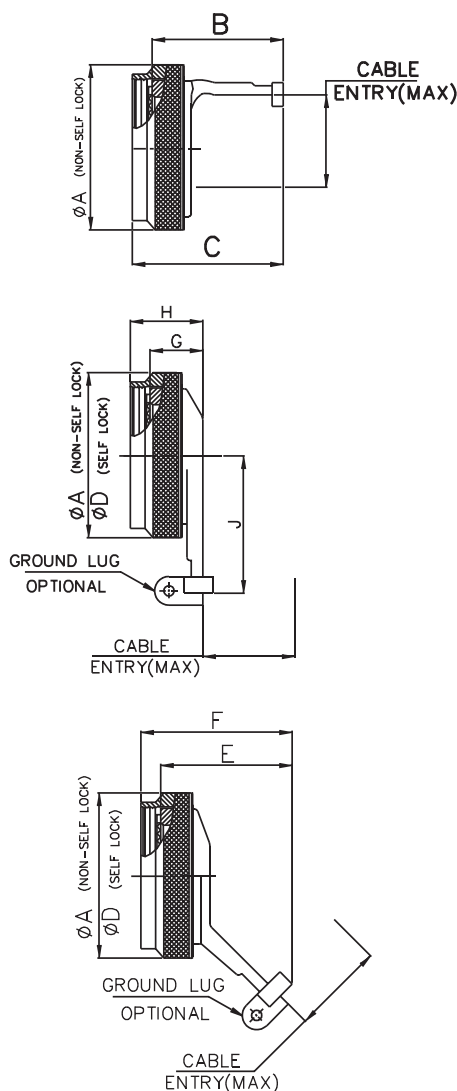
- MIL Series: M85049
- Slash sheet: 99 (16: 90deg bent, 15: 45deg bent)
- Coupling: S (Self lock, G: Self lock with grounding lug, -: Non self lock)
- Shell size: 99 (See Table-A)
- Finish: See Table-2

TABLE - A

| AMPHENOL<br>PART NUMBER<br>DESIGNATOR | MIL PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL<br>SIZE/CODE<br>(REF.) | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D (MAX) |       | E (MAX) |       | F (MAX) |       | G (MAX) |       | WIRING<br>ENTRY(MAX) |       |
|---------------------------------------|----------------------------------|-------------------------------------------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|----------------------|-------|
| SHELL SIZE                            | CONNECTOR<br>SHELL SIZE          |                                           | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH                 | MM    |
| 08                                    | 09                               | 09 / A                                    | 0.86         | 21.79 | 0.90    | 22.86 | 1.09    | 27.69 | 1.03    | 26.16 | 1.43    | 36.32 | 0.99    | 25.15 | 1.22    | 30.99 | 0.26                 | 6.71  |
| 10                                    | 11                               | 11 / B                                    | 0.98         | 24.99 | 0.90    | 22.86 | 1.09    | 27.69 | 1.03    | 26.16 | 1.43    | 36.32 | 0.99    | 25.15 | 1.29    | 32.77 | 0.39                 | 9.96  |
| 12                                    | 13                               | 13 / C                                    | 1.16         | 29.39 | 0.96    | 24.38 | 1.15    | 29.21 | 1.03    | 26.16 | 1.43    | 36.32 | 0.99    | 25.15 | 1.62    | 41.15 | 0.51                 | 12.85 |
| 14                                    | 15                               | 15 / D                                    | 1.28         | 32.49 | 1.14    | 28.96 | 1.33    | 33.78 | 1.09    | 27.69 | 1.93    | 49.02 | 0.99    | 25.15 | 1.66    | 42.16 | 0.63                 | 16.03 |
| 16                                    | 17                               | 17 / E                                    | 1.41         | 35.71 | 1.14    | 28.96 | 1.33    | 33.78 | 1.11    | 28.19 | 1.93    | 49.02 | 0.99    | 25.15 | 1.72    | 43.69 | 0.76                 | 19.20 |
| 18                                    | 19                               | 19 / F                                    | 1.52         | 38.51 | 1.20    | 30.48 | 1.39    | 35.31 | 1.21    | 30.73 | 2.03    | 51.56 | 0.99    | 25.15 | 1.72    | 43.69 | 0.85                 | 21.46 |
| 20                                    | 21                               | 21 / G                                    | 1.64         | 41.71 | 1.33    | 33.78 | 1.52    | 38.61 | 1.26    | 32.00 | 2.09    | 53.09 | 0.99    | 25.15 | 1.79    | 45.47 | 0.97                 | 24.64 |
| 22                                    | 23                               | 23 / H                                    | 1.77         | 44.91 | 1.45    | 36.83 | 1.54    | 39.12 | 1.30    | 33.02 | 2.09    | 53.09 | 0.99    | 25.15 | 1.85    | 46.99 | 1.10                 | 27.81 |
| 24                                    | 25                               | 25 / J                                    | 1.89         | 47.98 | 1.59    | 40.39 | 1.78    | 45.21 | 1.34    | 34.04 | 2.24    | 56.90 | 0.99    | 25.15 | 1.91    | 48.51 | 1.22                 | 30.99 |

## Connector Group - M

Straight, 90°, 45°



## Amphenol Part Number

BQ1 X X M 99 999 X X

Series ——— BQ1

Angle ——— X

S: straight  
A: 90deg  
B: 45deg

Coupling ——— X

R: spin  
S: self lock

Connector group ——— M

Shell size ——— 99

See Table-A

Finish: see Table-2

End Lug: L  
None: X

constant:999

TABLE - A

| AMPHENOL<br>PART<br>NUMBER<br>DESIGNATOR | CONNECTOR<br>SHELL SIZE | A DIA. (MAX) |       | B (MAX) |       | C (MAX) |       | D DIA. (MAX) |       | E (MAX) |       | F (MAX) |       | G (MAX) |       | H (MAX) |       | J (MAX) |       | WIRING<br>ENTRY(MAX) |       |
|------------------------------------------|-------------------------|--------------|-------|---------|-------|---------|-------|--------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|----------------------|-------|
|                                          |                         | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH         | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH    | MM    | INCH                 | MM    |
| 08                                       | 8                       | 0.75         | 19.05 | 0.90    | 22.86 | 1.09    | 27.69 | 0.86         | 21.84 | 1.03    | 26.16 | 1.25    | 31.75 | 0.69    | 17.53 | 0.99    | 25.15 | 1.22    | 30.99 | 0.26                 | 6.71  |
| 10                                       | 10                      | 0.85         | 21.59 | 0.90    | 22.86 | 1.09    | 27.69 | 0.98         | 24.89 | 1.03    | 26.16 | 1.25    | 31.75 | 0.69    | 17.53 | 0.99    | 25.15 | 1.29    | 32.77 | 0.39                 | 9.96  |
| 12                                       | 12                      | 1.00         | 25.40 | 0.96    | 24.38 | 1.15    | 29.21 | 1.16         | 29.46 | 1.03    | 26.16 | 1.25    | 31.75 | 0.69    | 17.53 | 0.99    | 25.15 | 1.62    | 41.15 | 0.51                 | 12.85 |
| 14                                       | 14                      | 1.10         | 27.94 | 1.14    | 28.96 | 1.33    | 33.78 | 1.28         | 32.51 | 1.09    | 27.69 | 1.31    | 33.27 | 0.70    | 17.78 | 0.99    | 25.15 | 1.66    | 42.16 | 0.63                 | 16.03 |
| 16                                       | 16                      | 1.25         | 31.75 | 1.14    | 28.96 | 1.33    | 33.78 | 1.41         | 35.81 | 1.11    | 28.19 | 1.33    | 33.78 | 0.70    | 17.78 | 0.99    | 25.15 | 1.72    | 43.69 | 0.76                 | 19.20 |
| 18                                       | 18                      | 1.40         | 35.56 | 1.20    | 30.48 | 1.39    | 35.31 | 1.52         | 38.61 | 1.21    | 30.73 | 1.43    | 36.32 | 0.73    | 18.54 | 0.99    | 25.15 | 1.72    | 43.69 | 0.85                 | 21.46 |
| 20                                       | 20                      | 1.50         | 38.10 | 1.33    | 33.78 | 1.52    | 38.61 | 1.64         | 41.66 | 1.26    | 32.00 | 1.48    | 37.59 | 0.73    | 18.54 | 0.99    | 25.15 | 1.79    | 45.47 | 0.97                 | 24.64 |
| 22                                       | 22                      | 1.65         | 41.91 | 1.45    | 36.83 | 1.54    | 39.12 | 1.77         | 44.96 | 1.30    | 33.02 | 1.52    | 38.61 | 0.73    | 18.54 | 0.99    | 25.15 | 1.85    | 46.99 | 1.10                 | 27.81 |
| 24                                       | 24                      | 1.75         | 44.45 | 1.59    | 40.39 | 1.78    | 45.21 | 1.89         | 48.01 | 1.34    | 34.04 | 1.56    | 39.62 | 0.73    | 18.54 | 0.99    | 25.15 | 1.91    | 48.51 | 1.22                 | 30.99 |

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

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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: [org@lifeelectronics.ru](mailto:org@lifeelectronics.ru)

[www.lifeelectronics.ru](http://www.lifeelectronics.ru)