

# Multi-Channel Fiber Optic Circular (CF38999 Connector) How to Order

## Easy Steps to build a part number... Tri-Start Series III

| 1.             | 2.       | 3.     | 4.          | 5.                             | 6.                                 |
|----------------|----------|--------|-------------|--------------------------------|------------------------------------|
| Connector Type | Material | Finish | Shell Style | Shell Size- Insert Arrangement | Contact Type & Key/Keyway Position |
| CF-            | 50       | 9      | 0           | 17-08                          | P                                  |

Amphenol® Multi-Channel fiber optic connectors for use with multi-mode and single mode termini can be ordered by coded part number. Ordering procedure is illustrated by part number CF-509017-08P as shown above:

### Step 1. Connector Type

|     | Designates                          |
|-----|-------------------------------------|
| CF- | Multi-Channel Fiber Optic Connector |

### Step 2. Select a Material

|    | Designates            |
|----|-----------------------|
| 50 | Aluminum shell        |
| 60 | Composite shell       |
| 80 | Stainless steel shell |

### Step 3. Select a Finish

|   | Designates                                                                                   |
|---|----------------------------------------------------------------------------------------------|
| 4 | Electroless nickel plated aluminum, 48 hour salt spray resistance, 200°C                     |
| 5 | Unplated composite                                                                           |
| 6 | Corrosion resistant stainless steel, 500 hour salt spray resistance, 200°C                   |
| 9 | Corrosion resistant olive drab cadmium plate aluminum, 500 hour salt spray resistance, 175°C |
| D | Designates Durmalon™ (Nickel-PTFE)*                                                          |
| S | Nickel plated stainless steel                                                                |

### Step 4. Select a Shell Style

|   | Designates                      |
|---|---------------------------------|
| 0 | Wall mount receptacle           |
| 1 | Line receptacle                 |
| 2 | Box mount receptacle            |
| 5 | Straight plug less ground strap |
| 6 | Straight plug                   |
| 7 | Jam nut receptacle              |

### Step 5. Select a Shell Size – Insert Arrangement from proceeding pages.

Shell Size & Insert Arrangement are on page 194.  
First number represents Shell Size, second number is the Insert Arrangement.

### Step 6. Select a Contact Type & Key/Keyway Position

#### Contact Type and Key/Keyway Position

P designates pin contacts  
S designates socket contacts  
For key/keyway positioning, choose the alternate rotation suffix letter from the chart below.

#### ALTERNATE POSITION SUFFIX

| Alternate Position | Suffix Letter |         |
|--------------------|---------------|---------|
|                    | Pins          | Sockets |
| Normal             | P             | S       |
| A                  | G             | H       |
| B                  | I             | J       |
| C                  | K             | L       |
| D                  | M             | N       |
| E                  | R             | T       |

For more information on key/keyway rotation, see the Series III MIL-DTL-38999 Section.

38999

|             |
|-------------|
| III         |
| HD          |
| Dualok      |
| II          |
| I           |
| SJT         |
| Accessories |
| Aquacon     |
| Herm/Seal   |
| PCB         |

|              |
|--------------|
| HIGH SPEED   |
| Fiber Optics |
| Contacts     |
| Connectors   |
| Cables       |

|            |
|------------|
| EMI Filter |
| Transient  |

|          |
|----------|
| 26482    |
| Matrix 2 |

|               |
|---------------|
| 83723 III     |
| Matrix   Pyle |

|       |
|-------|
| 26500 |
| Pyle  |

|                           |
|---------------------------|
| 5015                      |
| Crimp Rear Release Matrix |

|         |
|---------|
| 22992   |
| Class 1 |

|             |
|-------------|
| Back-Shells |
|-------------|

|                |
|----------------|
| Options Others |
|----------------|

\*Durmalon is a trademark of Amphenol. For more information on Durmalon see page 5.

**38999**

Fiber optic termini can be accommodated in any size 16 or size 20 contact cavity of MIL-DTL-38999 Series III type connector insert patterns, as listed in the following chart. For availability of fiber type, either multi-mode or single mode, see note at bottom of chart.

| Shell Size/<br>Arrangement | Total<br>Contacts | Contact Size |                                |     |    |              |               |             |                    |
|----------------------------|-------------------|--------------|--------------------------------|-----|----|--------------|---------------|-------------|--------------------|
|                            |                   | 22D          | Optic Termini<br>Availability* |     | 12 | 12<br>(Coax) | 10<br>(Power) | 8<br>(Coax) | 8<br>(Twinax)<br>⬆ |
|                            |                   |              | 20                             | 16  |    |              |               |             |                    |
| 09-94                      | 2                 |              | 2                              |     |    |              |               |             |                    |
| 09-98                      | 3                 |              | 3                              |     |    |              |               |             |                    |
| 11-02                      | 2                 |              |                                | 2   |    |              |               |             |                    |
| 11-05                      | 5                 |              | 5                              |     |    |              |               |             |                    |
| 11-98                      | 6                 |              | 6                              |     |    |              |               |             |                    |
| 11-99                      | 7                 |              | 7                              |     |    |              |               |             |                    |
| 13-04                      | 4                 |              |                                | 4   |    |              |               |             |                    |
| 13-08                      | 8                 |              | 8                              |     |    |              |               |             |                    |
| 13-13                      | 4                 |              |                                | 2** | 2  |              |               |             |                    |
| 13-98                      | 10                |              | 10                             |     |    |              |               |             |                    |
| 15-05                      | 5                 |              |                                | 5   |    |              |               |             |                    |
| 15-15                      | 15                |              | 14                             | 1   |    |              |               |             |                    |
| 15-18                      | 18                |              | 18                             |     |    |              |               |             |                    |
| 15-19                      | 19                |              | 19                             |     |    |              |               |             |                    |
| 15-97                      | 12                |              | 8                              | 4   |    |              |               |             |                    |
| 17-08                      | 8                 |              |                                | 8   |    |              |               |             |                    |
| 17-26                      | 26                |              | 26                             |     |    |              |               |             |                    |
| 17-99                      | 23                |              | 21                             | 2   |    |              |               |             |                    |
| 19-11                      | 11                |              |                                | 11  |    |              |               |             |                    |
| 19-28                      | 28                |              | 26                             | 2   |    |              |               |             |                    |
| 19-32                      | 32                |              | 32                             |     |    |              |               |             |                    |
| 21-16                      | 16                |              |                                | 16  |    |              |               |             |                    |
| 21-29                      | 27                |              | 19                             | 4   | 4  |              |               |             |                    |
| 21-39                      | 39                |              | 37                             | 2   |    |              |               |             |                    |
| 21-41                      | 41                |              | 41                             |     |    |              |               |             |                    |
| 23-21                      | 21                |              |                                | 21  |    |              |               |             |                    |
| 23-53                      | 53                |              | 53                             |     |    |              |               |             |                    |
| 23-54                      | 53                | 40           |                                | 9   | 4  |              |               |             |                    |
| 23-55                      | 55                |              | 55                             |     |    |              |               |             |                    |
| 25-04                      | 56                |              | 48                             | 8   |    |              |               |             |                    |
| 25-11***                   | 11                |              | 2                              |     |    | 9            |               |             |                    |
| 25-20***                   | 30                |              | 10                             | 13  |    | 4            |               | 3           |                    |
| 25-24                      | 24                |              |                                | 12  | 12 |              |               |             |                    |
| 25-26                      | 25                |              | 16                             |     | 5  |              |               | 4           |                    |
| 25-29                      | 29                |              |                                | 29  |    |              |               |             |                    |
| 25-37                      | 37                |              |                                | 37  |    |              |               |             |                    |
| 25-41                      | 41                | 22           | 3                              | 11  |    | 2            |               | 3           |                    |
| 25-43                      | 43                |              | 23                             | 20  |    |              |               |             |                    |
| 25-46                      | 46                |              | 40                             | 4   |    |              |               | 2†          |                    |
| 25-61                      | 61                |              | 61                             |     |    |              |               |             |                    |
| 25-90                      | 46                |              | 40                             | 4   |    |              |               | 2           |                    |
| 25-F4                      | 66                | 49           |                                | 13  | 4  |              |               |             |                    |

\* Size 16 multi-mode and single mode fiber optic termini are readily available. For size 20 multi-mode termini consult Amphenol Aerospace for availability.

\*\* Two size 16 contacts dedicated to fiber optics.

\*\*\* For use in MIL-STD-1760 applications. See 38999 Series III section in this catalog.

† For RG180/U and RG195/U cables only. Contact Amphenol for other cable applications.

♦ Size 8 coax and Twinax are interchangeable.

For service ratings and performance of electrical contacts see 38999 Series III section in this catalog.

III

HD

Dualok

II

I

SJT

Accessories

Aquacon

Herm/Seal

PCB

**HIGH  
SPEED**

 Fiber  
Optics

 Contacts  
Connectors  
Cables

 EMI Filter  
Transient

 26482  
Matrix 2

 83723 III  
Matrix | Pyle

 26500  
Pyle

 5015  
Crimp Rear  
Release  
Matrix

 22992  
Class I

 Back-  
Shells

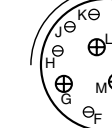
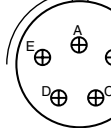
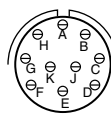
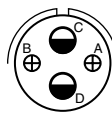
 Options  
Others

# Multi-Channel Fiber Optic Circular (CF38999 Connector) Insert Arrangements

Front face of pin inserts illustrated

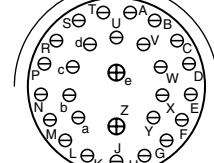
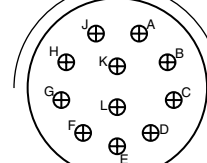
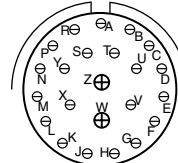
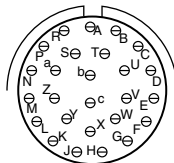
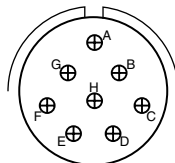


| Insert Arrangement | 09-94 | 09-98 | 11-02 | 11-05 | 11-98 | 11-99 | 13-04 | 13-08 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Number of Contacts | 2     | 3     | 2     | 5     | 6     | 7     | 4     | 8     |
| Contact Size       | 20    | 20    | 16    | 20    | 20    | 20    | 16    | 20    |

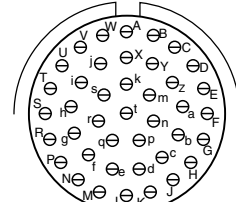
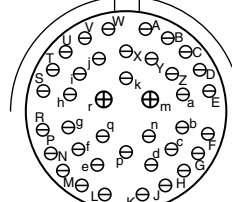
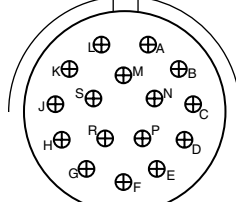
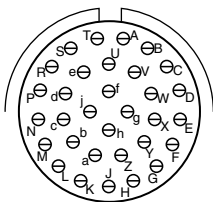


| Insert Arrangement | 13-13 | 13-98 | 15-05 | 15-15 | 15-18 | 15-19 | 15-97 |
|--------------------|-------|-------|-------|-------|-------|-------|-------|
| Number of Contacts | 2     | 10    | 5     | 14    | 18    | 19    | 8     |
| Contact Size       | 16    | 20    | 16    | 20    | 20    | 20    | 20    |

Dedicated to  
Fiber Optics



| Insert Arrangement | 17-08 | 17-26 | 17-99 | 19-11 | 19-28 |
|--------------------|-------|-------|-------|-------|-------|
| Number of Contacts | 2     | 26    | 21    | 11    | 26    |
| Contact Size       | 16    | 20    | 20    | 16    | 20    |



| Insert Arrangement | 19-32 | 21-16 | 21-39 | 21-41 |
|--------------------|-------|-------|-------|-------|
| Number of Contacts | 32    | 16    | 37    | 41    |
| Contact Size       | 20    | 16    | 20    | 20    |

**CONTACT LEGEND**

8   
 10   
 12   
 16   
 20   
 22D

**38999**

III

HD

Dualok

II

I

SJT

Accessories

Aquacon

Herm/Seal

PCB

**HIGH  
SPEED**

**Fiber  
Optics**

Contacts  
Connectors  
Cables

EMI Filter  
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26482  
Matrix 2

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Matrix | Pyle

26500  
Pyle

5015  
Crimp Rear  
Release  
Matrix

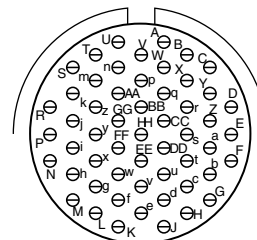
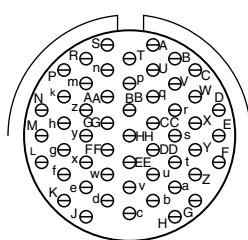
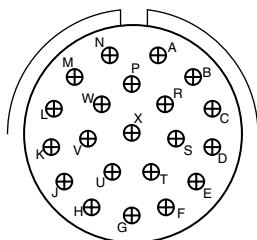
22992  
Class I

Back-  
Shells

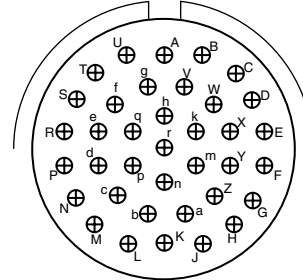
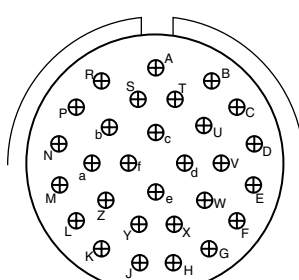
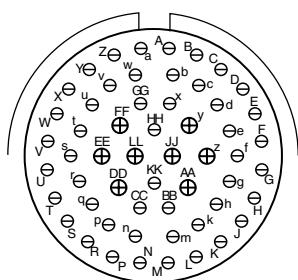
Options  
Others

38999

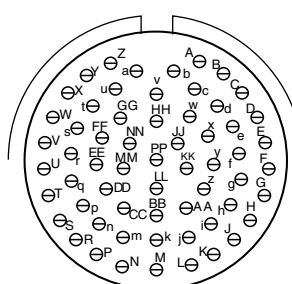
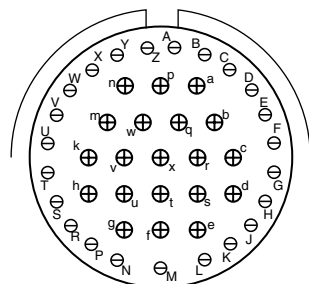
Front face of pin inserts illustrated



| Insert Arrangement | 23-21 | 23-53 | 23-55 |
|--------------------|-------|-------|-------|
| Number of Contacts | 21    | 53    | 55    |
| Contact Size       | 16    | 20    | 20    |



| Insert Arrangement | 25-04 | 25-29 | 25-37 |
|--------------------|-------|-------|-------|
| Number of Contacts | 48 6  | 29    | 37    |
| Contact Size       | 20 16 | 16    | 16    |



| Insert Arrangement | 25-43 | 25-61 |
|--------------------|-------|-------|
| Number of Contacts | 23 20 | 61    |
| Contact Size       | 20 16 | 20    |

\*\*\*For use in MIL-STD-1760 applications. See 38999 Series III section in this catalog.  
† 12 Coax Contacts can be Matched Impedance or Power

CONTACT LEGEND



# Multi-Channel Fiber Optic Circular (CF38999) Wall Mount/Box Mount Receptacles

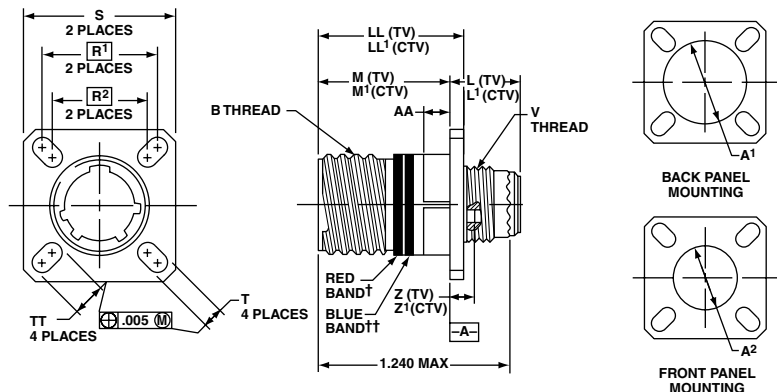
## TRI-START™ METAL AND COMPOSITE CONNECTORS

### Wall Mount Receptacle with Fiber Optics shell style 0

For complete part number,  
see how to order, page 193.

† Red Band indicates fully mated  
†† Blue band indicates rear release contact  
retention system

□ Designates true position dimensioning



All dimensions for reference only

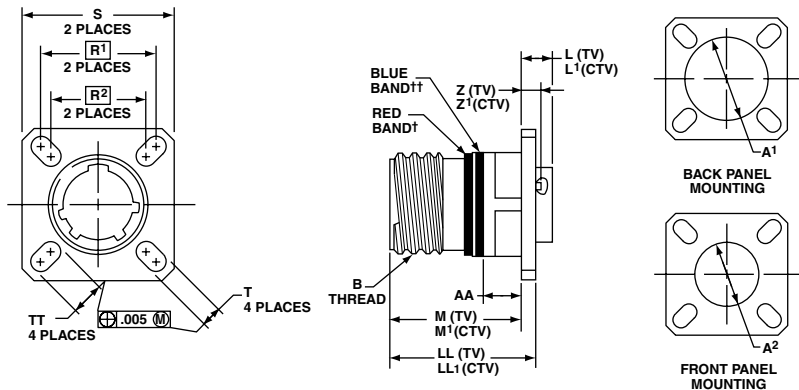
| Shell Size | MS Shell Size Code | B Thread Class 2A 0.1P-0.3L-TS (Plated) | L Max. (TV) | L <sup>1</sup> Max. (CTV) | M +.000 - .005 (TV) | M <sup>1</sup> +.000 - .005 (CTV) | R <sup>1</sup> | R <sup>2</sup> | S Max. | T +.008 | V Thread Metric | Z Max. (TV) | Z <sup>1</sup> Max. (CTV) | A <sup>1</sup> Dia. Back Panel Mount | A <sup>2</sup> Dia. Front Panel Mount | AA Max. Panel Thickness | LL +.006 - .000 (TV) | LL <sup>1</sup> ±.005 (CTV) | TT ±.008 |
|------------|--------------------|-----------------------------------------|-------------|---------------------------|---------------------|-----------------------------------|----------------|----------------|--------|---------|-----------------|-------------|---------------------------|--------------------------------------|---------------------------------------|-------------------------|----------------------|-----------------------------|----------|
| 9          | A                  | .6250                                   | .469        | .514                      | .820                | .773                              | .719           | .594           | .948   | .128    | M12X1-6g        | .153        | .198                      | .650                                 | .510                                  | .234                    | .905                 | .908                        | .216     |
| 11         | B                  | .7500                                   | .469        | .514                      | .820                | .773                              | .812           | .719           | 1.043  | .128    | M15X1-6g        | .153        | .198                      | .800                                 | .620                                  | .234                    | .905                 | .908                        | .194     |
| 13         | C                  | .8750                                   | .469        | .514                      | .820                | .773                              | .906           | .812           | 1.137  | .128    | M18X1-6g        | .153        | .198                      | .910                                 | .740                                  | .234                    | .905                 | .908                        | .194     |
| 15         | D                  | 1.0000                                  | .469        | .514                      | .820                | .773                              | .969           | .906           | 1.232  | .128    | M22X1-6g        | .153        | .198                      | 1.040                                | .900                                  | .234                    | .905                 | .908                        | .173     |
| 17         | E                  | 1.1875                                  | .469        | .514                      | .820                | .773                              | 1.062          | .969           | 1.323  | .128    | M25X1-6g        | .153        | .198                      | 1.210                                | 1.010                                 | .234                    | .905                 | .908                        | .194     |
| 19         | F                  | 1.2500                                  | .469        | .514                      | .820                | .773                              | 1.156          | 1.062          | 1.449  | .128    | M28X1-6g        | .153        | .198                      | 1.280                                | 1.130                                 | .234                    | .905                 | .908                        | .194     |
| 21         | G                  | 1.3750                                  | .500        | .545                      | .790                | .741                              | 1.250          | 1.156          | 1.575  | .128    | M31X1-6g        | .183        | .228                      | 1.410                                | 1.250                                 | .204                    | .905                 | .904                        | .194     |
| 23         | H                  | 1.5000                                  | .500        | .545                      | .790                | .741                              | 1.375          | 1.250          | 1.701  | .154    | M34X1-6g        | .183        | .228                      | 1.530                                | 1.360                                 | .204                    | .905                 | .904                        | .242     |
| 25         | J                  | 1.6250                                  | .500        | .545                      | .790                | .741                              | 1.500          | 1.375          | 1.823  | .154    | M37X1-6g        | .183        | .228                      | 1.660                                | 1.470                                 | .204                    | .905                 | .904                        | .242     |

### Box Mount Receptacle with Fiber Optics shell style 2

For complete part number,  
see how to order, page 193.  
Consult Amphenol Aerospace for availability of  
composite box mount receptacles.

† Red Band indicates fully mated  
†† Blue band indicates rear release contact  
retention system

□ Designates true position dimensioning



All dimensions for reference only

| Shell Size | MS Shell Size Code | B Thread Class 2A 0.1P-0.3L-TS (Plated) | L Max. (TV) | L <sup>1</sup> Max. (CTV) | M +.000 - .005 (TV) | M <sup>1</sup> +.000 - .005 (CTV) | R <sup>1</sup> | R <sup>2</sup> | S Max. | T +.008 | Z Max. (TV) | Z <sup>1</sup> Max. (CTV) | A <sup>1</sup> Dia. Back Panel Mount | A <sup>2</sup> Dia. Front Panel Mount | AA Max. Panel Thickness | LL +.006 - .000 (TV) | LL <sup>1</sup> ±.005 (CTV) | TT ±.008 |
|------------|--------------------|-----------------------------------------|-------------|---------------------------|---------------------|-----------------------------------|----------------|----------------|--------|---------|-------------|---------------------------|--------------------------------------|---------------------------------------|-------------------------|----------------------|-----------------------------|----------|
| 9          | A                  | .6250                                   | .205        | .250                      | .820                | .773                              | .719           | .594           | .948   | .128    | .153        | .198                      | .650                                 | .510                                  | .234                    | .905                 | .908                        | .216     |
| 11         | B                  | .7500                                   | .205        | .250                      | .820                | .773                              | .812           | .719           | 1.043  | .128    | .153        | .198                      | .800                                 | .620                                  | .234                    | .905                 | .908                        | .194     |
| 13         | C                  | .8750                                   | .205        | .250                      | .820                | .773                              | .906           | .812           | 1.137  | .128    | .153        | .198                      | .910                                 | .740                                  | .234                    | .905                 | .908                        | .194     |
| 15         | D                  | 1.0000                                  | .205        | .250                      | .820                | .773                              | .969           | .906           | 1.232  | .128    | .153        | .198                      | 1.040                                | .900                                  | .234                    | .905                 | .908                        | .173     |
| 17         | E                  | 1.1875                                  | .205        | .250                      | .820                | .773                              | 1.062          | .969           | 1.323  | .128    | .153        | .198                      | 1.210                                | 1.010                                 | .234                    | .905                 | .908                        | .194     |
| 19         | F                  | 1.2500                                  | .205        | .250                      | .820                | .773                              | 1.156          | 1.062          | 1.449  | .128    | .153        | .198                      | 1.280                                | 1.130                                 | .234                    | .905                 | .908                        | .194     |
| 21         | G                  | 1.3750                                  | .235        | .280                      | .790                | .741                              | 1.250          | 1.156          | 1.575  | .128    | .183        | .228                      | 1.410                                | 1.250                                 | .204                    | .905                 | .904                        | .194     |
| 23         | H                  | 1.5000                                  | .235        | .280                      | .790                | .741                              | 1.375          | 1.250          | 1.701  | .154    | .183        | .228                      | 1.530                                | 1.360                                 | .204                    | .905                 | .904                        | .242     |
| 25         | J                  | 1.6250                                  | .235        | .280                      | .790                | .741                              | 1.500          | 1.375          | 1.823  | .154    | .183        | .228                      | 1.660                                | 1.470                                 | .204                    | .905                 | .904                        | .242     |

38999

III

HD

Dualok

II

I

SJT

Accessories

Aquacon

Herm/Seal

PCB

**HIGH  
SPEED**

**Fiber  
Optics**

Contacts  
Connectors  
Cables

EMI Filter  
Transient

26482  
Matrix 2

83723 III  
Matrix | Pyle

26500  
Pyle

5015  
Crimp Rear  
Release  
Matrix

22992  
Class I

Back-  
Shells

Options  
Others

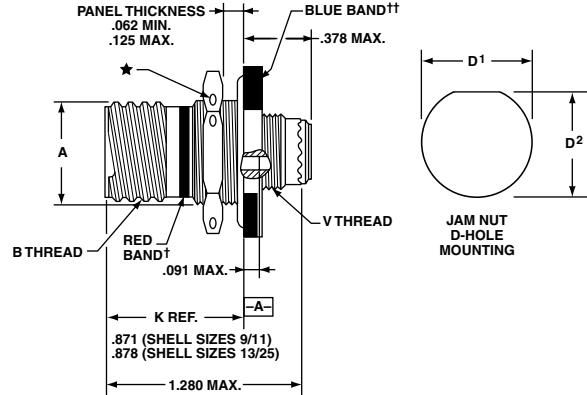
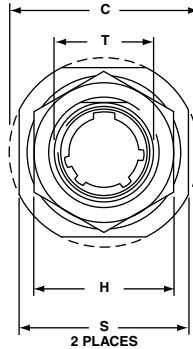
### TRI-START™ METAL AND COMPOSITE CONNECTORS

#### Jam Nut Receptacle with Fiber Optics shell style 7

For complete part number, see how to order, page 193.

† Red Band indicates fully mated  
†† Blue band indicates rear release contact retention system

★ .059 dia. min. 3 lockwire holes  
Formed lockwire hole design (6 holes) is optional  
All dimensions for reference only

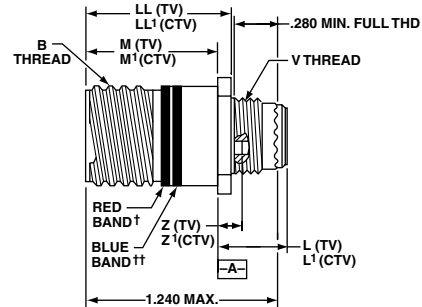
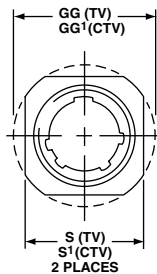


| Shell Size | MS Shell Size Code | A •<br>+.000<br>-.010 | B Thread Class 2A<br>0.1P-0.3L-TS (Plated) | C<br>Max. | D <sup>1</sup><br>+.010<br>-.000 | D <sup>2</sup><br>+.000<br>-.010 | H Hex<br>+.017<br>-.016 | S<br>±.010 | T<br>+.010<br>-.000 | V Thread Metric |
|------------|--------------------|-----------------------|--------------------------------------------|-----------|----------------------------------|----------------------------------|-------------------------|------------|---------------------|-----------------|
| 9          | A                  | .669                  | .6250                                      | 1.199     | .700                             | .670                             | .875                    | 1.062      | .697                | M12X1-6g        |
| 11         | B                  | .769                  | .7500                                      | 1.386     | .825                             | .770                             | 1.000                   | 1.250      | .822                | M15X1-6g        |
| 13         | C                  | .955                  | .8750                                      | 1.511     | 1.010                            | .955                             | 1.188                   | 1.375      | 1.007               | M18X1-6g        |
| 15         | D                  | 1.084                 | 1.0000                                     | 1.636     | 1.135                            | 1.085                            | 1.312                   | 1.500      | 1.134               | M22X1-6g        |
| 17         | E                  | 1.208                 | 1.1875                                     | 1.761     | 1.260                            | 1.210                            | 1.438                   | 1.625      | 1.259               | M25X1-6g        |
| 19         | F                  | 1.333                 | 1.2500                                     | 1.949     | 1.385                            | 1.335                            | 1.562                   | 1.812      | 1.384               | M28X1-6g        |
| 21         | G                  | 1.459                 | 1.3750                                     | 2.073     | 1.510                            | 1.460                            | 1.688                   | 1.938      | 1.507               | M31X1-6g        |
| 23         | H                  | 1.575                 | 1.5000                                     | 2.199     | 1.635                            | 1.585                            | 1.812                   | 2.062      | 1.634               | M34X1-6g        |
| 25         | J                  | 1.709                 | 1.6250                                     | 2.323     | 1.760                            | 1.710                            | 2.000                   | 2.188      | 1.759               | M37X1-6g        |

#### Line Receptacle with Fiber Optics shell style 1

For complete part number, see how to order, page 193.

† Red Band indicates fully mated  
†† Blue band indicates rear release contact retention system  
All dimensions for reference only



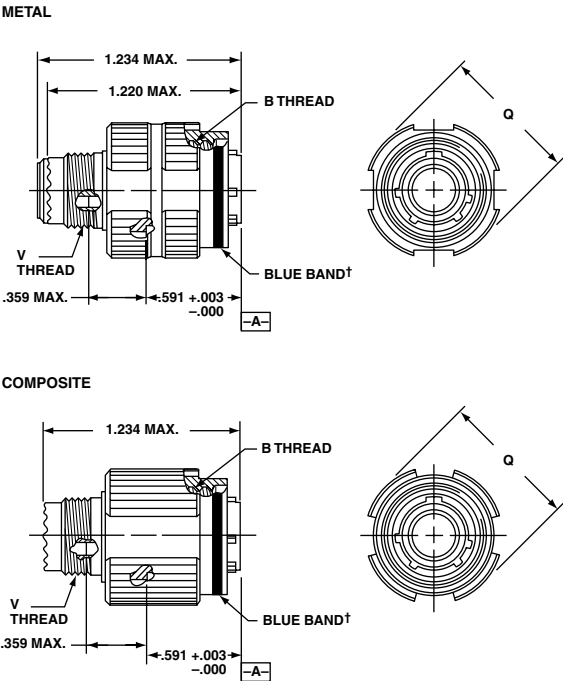
| Shell Size | MS Shell Size Code | B Thread 0.1P-0.3L-TS-2A (Plated) | L Max. (TV) | L¹ Max. (CTV) | M +.000 - .005 (TV) | M¹ +.000 - .005 (CTV) | S ±.010 (TV) | S¹ ±.010 (CTV) | V Thread Metric | Z Max. (TV) | Z¹ Max. (CTV) | GG Dia. ±.010 (TV) | GG¹ Dia. ±.010 (CTV) | LL +.006 - .000 (TV) | LL¹ ±.005 (CTV) |
|------------|--------------------|-----------------------------------|-------------|---------------|---------------------|-----------------------|--------------|----------------|-----------------|-------------|---------------|--------------------|----------------------|----------------------|-----------------|
| 9          | A                  | .6250                             | .469        | .514          | .820                | .773                  | .675         | .635           | M12X1-6g        | .153        | .198          | .812               | .699                 | .905                 | .908            |
| 11         | B                  | .7500                             | .469        | .514          | .820                | .773                  | .800         | .765           | M15X1-6g        | .153        | .198          | .905               | .875                 | .905                 | .908            |
| 13         | C                  | .8750                             | .469        | .514          | .820                | .773                  | .925         | .885           | M18X1-6g        | .153        | .198          | 1.093              | 1.007                | .905                 | .908            |
| 15         | D                  | 1.0000                            | .469        | .514          | .820                | .773                  | 1.050        | 1.100          | M22X1-6g        | .153        | .198          | 1.219              | 1.140                | .905                 | .908            |
| 17         | E                  | 1.1875                            | .469        | .514          | .820                | .773                  | 1.238        | 1.197          | M25X1-6g        | .153        | .198          | 1.375              | 1.229                | .905                 | .908            |
| 19         | F                  | 1.2500                            | .469        | .514          | .820                | .773                  | 1.300        | 1.260          | M28X1-6g        | .153        | .198          | 1.469              | 1.380                | .905                 | .908            |
| 21         | G                  | 1.3750                            | .500        | .545          | .790                | .741                  | 1.425        | 1.385          | M31X1-6g        | .183        | .228          | 1.625              | 1.493                | .905                 | .904            |
| 23         | H                  | 1.5000                            | .500        | .545          | .790                | .741                  | 1.550        | 1.510          | M34X1-6g        | .183        | .228          | 1.750              | 1.626                | .905                 | .904            |
| 25         | J                  | 1.6250                            | .500        | .545          | .790                | .741                  | 1.675        | 1.635          | M37X1-6g        | .183        | .228          | 1.875              | 1.777                | .905                 | .904            |

# Multi-Channel Fiber Optic Circular (CF38999) Straight Plug

## TRI-START™ METAL AND COMPOSITE CONNECTORS

### Straight Plug with Fiber Optics shell style 6

For complete part number,  
see how to order, page 193.



† Blue band indicates rear release contact retention system

| Shell Size | MS Shell Size Code | B Thread<br>0.1P-0.3L-TS-2B<br>(Plated) | Q Dia.<br>Max. | V Thread<br>Metric |
|------------|--------------------|-----------------------------------------|----------------|--------------------|
| 9          | A                  | .6250                                   | .858           | M12X1-6g           |
| 11         | B                  | .7500                                   | .984           | M15X1-6g           |
| 13         | C                  | .8750                                   | 1.157          | M18X1-6g           |
| 15         | D                  | 1.0000                                  | 1.280          | M22X1-6g           |
| 17         | E                  | 1.1875                                  | 1.406          | M25X1-6g           |
| 19         | F                  | 1.2500                                  | 1.516          | M28X1-6g           |
| 21         | G                  | 1.3750                                  | 1.642          | M31X1-6g           |
| 23         | H                  | 1.5000                                  | 1.768          | M34X1-6g           |
| 25         | J                  | 1.6250                                  | 1.890          | M37X1-6g           |

38999

- III
- HD
- Dualok
- II
- I
- SJT
- Accessories
- Aquacon
- Herm/Seal
- PCB

- HIGH SPEED
- Fiber Optics
- Contacts
- Connectors
- Cables

EMI Filter  
Transient

26482  
Matrix 2

83723 III  
Matrix | Pyle

26500  
Pyle

5015  
Crimp Rear Release  
Matrix

22992  
Class 1

Back-  
Shells

Options  
Others

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.



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

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

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