



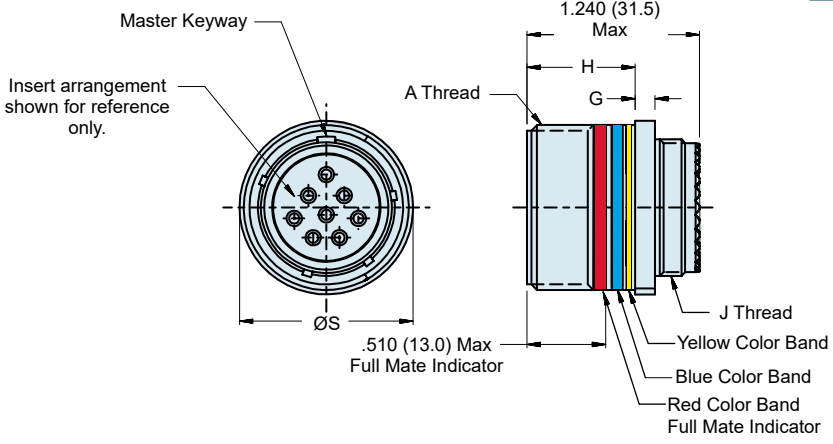
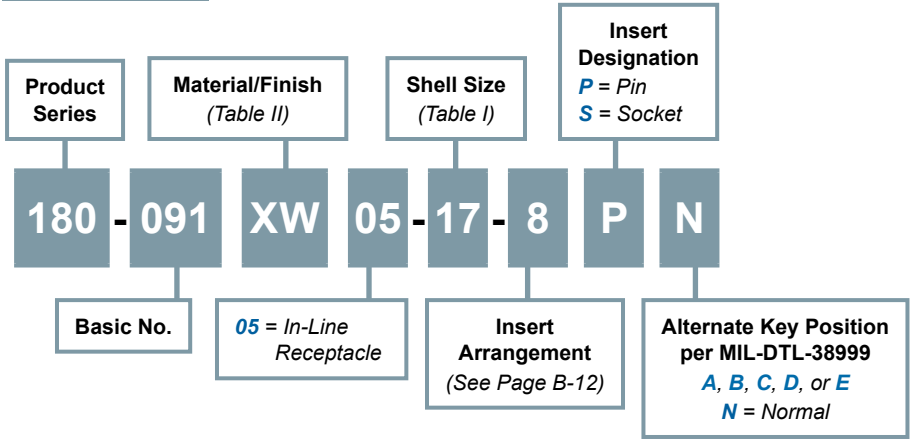
# 180-091 (05) In-Line Receptacle Advanced Fiber Optic Connector MIL-DTL-38999 Series III Type

D38999  
Series III

B

## MIL-DTL-38999 type advanced fiber optic receptacle connector

### How To Order



### 05 - IN-LINE RECEPTACLE

#### Material and Finish

Shell: See Table II  
 Insulator: High Grade Rigid Dielectric  
 Seals: Fluorosilicone  
 Retention Clip: Copper Alloy

#### Notes

1. Insert arrangement in accordance with MIL-STD-1560, See Page B-12.
2. Blue color band indicates rear release retention system. Yellow color band indicates fiber optic connector. Blue and yellow color bands are located approximately as shown - sequencing optional
3. For appropriate Glenair Terminus part numbers, see Glenair Drawing 181-001 and 181-002.

180-091 (05) In-Line Receptacle  
Advanced Fiber Optic Connector  
MIL-DTL-38999 Series III Type



MIL-DTL-38999  
Series III Type

B

| Table I         |            |                     |                            |                            |              |                     |
|-----------------|------------|---------------------|----------------------------|----------------------------|--------------|---------------------|
| Shell Size Code | Shell Size | A Thread            | G                          | H                          | Ø S          | J Thread            |
| B               | 11         | .7500-1P-.3L-TS-2A  | .144 (3.7)<br>.083 (2.1)   | .823 (20.9)<br>.768 (19.5) | .840 (21.3)  | M15 x 1.0-6g 0.100R |
| C               | 13         | .8750-1P-.3L-TS-2A  | .144 (3.7)<br>.083 (2.1)   | .823 (20.9)<br>.768 (19.5) | .963 (24.5)  | M18 x 1.0-6g 0.100R |
| D               | 15         | 1.0000-1P-.3L-TS-2A | .144 (3.7)<br>.083 (2.1)   | .823 (20.9)<br>.768 (19.5) | 1.090 (27.7) | M22 x 1.0-6g 0.100R |
| E               | 17         | 1.1875-1P-.3L-TS-2A | .144 (3.7)<br>.083 (2.1)   | .823 (20.9)<br>.768 (19.5) | 1.275 (32.4) | M25 x 1.0-6g 0.100R |
| F               | 19         | 1.2500-1P-.3L-TS-2A | .144 (3.7)<br>.083 (2.1)   | .823 (20.9)<br>.768 (19.5) | 1.337 (34.0) | M28 x 1.0-6g 0.100R |
| G               | 21         | 1.3750-1P-.3L-TS-2A | .171 (65.2)<br>.083 (39.8) | .791 (20.0)<br>.736 (18.7) | 1.463 (37.2) | M31 x 1.0-6g 0.100R |
| H               | 23         | 1.5000-1P-.3L-TS-2A | .171 (65.2)<br>.083 (39.8) | .791 (20.0)<br>.736 (18.7) | 1.587 (40.3) | M34 x 1.0-6g 0.100R |
| J               | 25         | 1.6250-1P-.3L-TS-2A | .171 (65.2)<br>.083 (39.8) | .791 (20.0)<br>.736 (18.7) | 1.713 (43.5) | M37 x 1.0-6g 0.100R |

| Material and Finish |                 |                           |
|---------------------|-----------------|---------------------------|
| Code                | Material        | Finish Description        |
| M                   | Aluminum Alloy  | Electroless Nickel        |
| MT                  |                 | Nickel - PTFE, Grey       |
| NF                  |                 | Cadmium, Olive Drab       |
| ZN                  |                 | Zinc-Nickel, Olive Drab   |
| ZNU                 |                 | Zinc-Nickel, Black        |
| ZR                  |                 | Zinc-Nickel, Black (RoHS) |
| XM                  | Composite       | Electroless Nickel        |
| XMT                 |                 | Nickel - PTFE, Grey       |
| XW                  |                 | Cadmium, Olive Drab       |
| XZN                 |                 | Zinc-Nickel, Black        |
| MS                  | Stainless Steel | Electroless Nickel        |
| ZL                  |                 | Electro-Deposited Nickel  |
| ZI                  |                 | Passivate                 |
| AB                  | Marine Bronze   | None (Clean Only)         |

Refer to Appendix for material/finish details