

# D38999/49 Connector Type Datasheet

TB Series • MIL-DTL-38999 Series IV Style Accessories

## TB01 N 17-6 S N - R2(015) - 02



- 1 **BASIC PART NUMBER**  
TB01 Cable mount receptacle
- 2 **MATERIAL & FINISH**  
N Aluminum, electroless nickel  
W Aluminum, olive drab  
G Aluminum, electroless nickel (space-grade)
- 3 **SHELL SIZE & INSERT ARRANGEMENT**  
See Insert Arrangement Selection table, p. S-16
- 4 **CONTACT STYLE**  
P Pin  
S Socket
- 5 **ALTERNATE KEYING**  
N NORMAL or A, B, C, D, K
- 6 **OPTIONAL BACKSHELL KIT** (OMIT FOR NONE)  
B2 Straight strain relief (self-locking), p. S-26  
R2( ) Straight EMI/RFI environmental, p. S-28  
(Add dash number for appropriate shell size, see p. S-28)  
K2 Boot adapter, p. S-40, & straight shrink boot, p. S-38
- 7 **OPTIONAL ACCESSORY KIT** (OMIT FOR NONE)  
02 Protective cover

### TB01 Compatibility

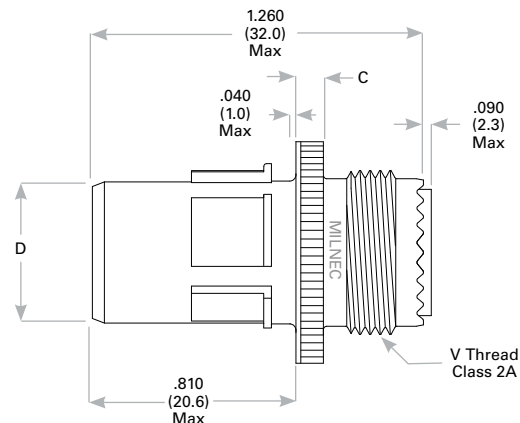
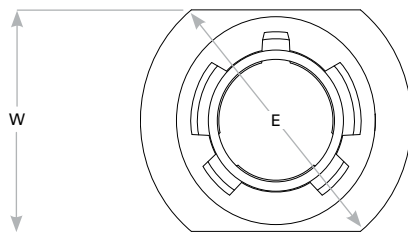
| Compatible Brands       | Equivalents | Mates                |
|-------------------------|-------------|----------------------|
| MIL-DTL-38999 Series IV | D38999/49   | D38999/46, D38999/47 |
| G & H Tech / Cooper     | BL03        | BL06, BLG6           |
| Deutsch                 | DIV/43      | DIV/45, DIV/46       |

**Note:** See part builder (p. S-14) for additional kit options.

### Receptacle Dimensions

| Shell Size | Military Shell Size | W            | E            | D            | C          | V Thread Class 2A |
|------------|---------------------|--------------|--------------|--------------|------------|-------------------|
| 9          | A                   | .668 (17.0)  | .948 (24.1)  | .384 (9.8)   | .102 (2.6) | M12X1-6g          |
| 11         | B                   | .793 (20.1)  | 1.054 (26.8) | .509 (12.9)  | .102 (2.6) | M15X1-6g          |
| 13         | C                   | .919 (23.3)  | 1.126 (28.6) | .634 (16.1)  | .102 (2.6) | M18X1-6g          |
| 15         | D                   | 1.044 (26.5) | 1.351 (34.3) | .759 (19.3)  | .102 (2.6) | M22X1-6g          |
| 17         | E                   | 1.170 (29.7) | 1.476 (37.5) | .885 (22.5)  | .102 (2.6) | M25X1-6g          |
| 19         | F                   | 1.294 (32.9) | 1.586 (40.3) | 1.009 (25.6) | .102 (2.6) | M28X1-6g          |
| 21         | G                   | 1.419 (36.0) | 1.711 (43.5) | 1.134 (28.8) | .133 (3.4) | M31X1-6g          |
| 23         | H                   | 1.544 (39.2) | 1.836 (46.6) | 1.259 (32.0) | .133 (3.4) | M34X1-6g          |
| 25         | J                   | 1.669 (42.4) | 1.964 (50.0) | 1.384 (35.2) | .133 (3.4) | M37X1-6g          |

Dimensions are in inches (mm).



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