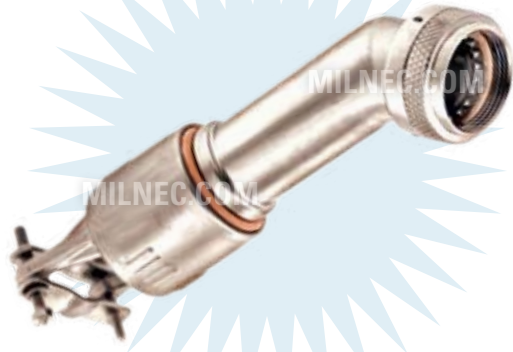


# 45° EMI/RFI Env. Backshell

TX Series • MIL-DTL-38999 Series III Style Connectors



## TXR3 - 015 N

- 1 BASIC PART NUMBER
- 2 DASH NO.
- 3 MATERIAL & FINISH

**TXR3** 45° EMI/RFI environmental backshell

See Backshell Dimensions table below

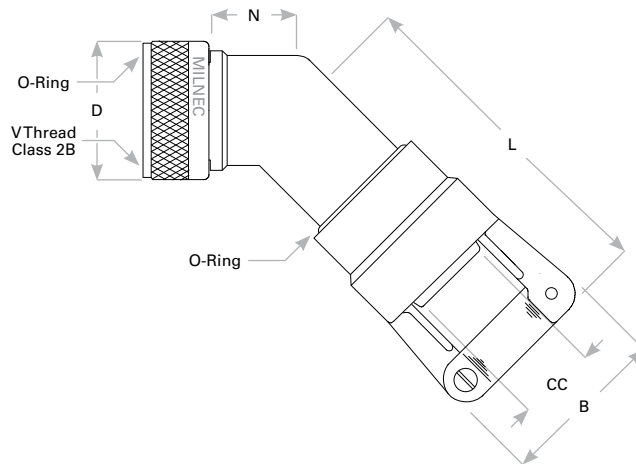
- N** Aluminum, electroless nickel
- W** Aluminum, olive drab cadmium
- G** Aluminum, electroless nickel (space-grade)
- K\*** Stainless steel, passivated
- L\*** Stainless steel, electrodeposited nickel

\* Please consult an authorized distributor for lead time and minimum quantity requirements.

### TXR3 Compatibility

| Compatible Brands        | Connectors                               |
|--------------------------|--|
| MIL-DTL-38999 Series III | D38999/20, D38999/24, D38999/26          |
| Aero / Conesys           | AE320, AE324, AE326                      |
| Amphenol                 | TVP00, TVPS00, TV06, TVS06, TV07, TVS07  |
| Deutsch                  | DTS20, DTS24, DTS26                      |
| ITT Cannon               | KJA0, KJA6, KJA7                         |
| Souriau                  | 8D0, 8D1, 8D5, 8D7, 8DS00, 8DS06G, 8DS07 |

**Note:** See part builder (p. B-17) for additional kit options.



### Backshell Dimensions

| Dash No. | Shell Size | Military Shell Size | V Thread Class 2B | N           | D            | B            | L            | CC Cable Clearance |             |
|----------|------------|---------------------|-------------------|-------------|--------------|--------------|--------------|--------------------|-------------|
|          |            |                     |                   |             |              |              |              | Min                | Max         |
| 001      | 9          | A                   | M12 X 1-6H        | .398 (10.1) | .750 (19.1)  | .800 (20.3)  | 3.088 (78.4) | .062 (1.6)         | .125 (3.2)  |
| 002      | 9          | A                   | M12 X 1-6H        | .398 (10.1) | .750 (19.1)  | 1.000 (25.4) | 3.088 (78.4) | .125 (3.2)         | .250 (6.4)  |
| 003      | 11         | B                   | M15 X 1-6H        | .458 (11.6) | .850 (21.6)  | .800 (20.3)  | 3.148 (80.0) | .062 (1.6)         | .125 (3.2)  |
| 004      | 11         | B                   | M15 X 1-6H        | .458 (11.6) | .850 (21.6)  | 1.000 (25.4) | 3.148 (80.0) | .125 (3.2)         | .250 (6.4)  |
| 005      | 11         | B                   | M15 X 1-6H        | .458 (11.6) | .850 (21.6)  | 1.100 (27.9) | 3.148 (80.0) | .250 (6.4)         | .375 (9.5)  |
| 006      | 13         | C                   | M18 X 1-6H        | .518 (13.2) | 1.000 (25.4) | 1.000 (25.4) | 3.208 (81.5) | .125 (3.2)         | .250 (6.4)  |
| 007      | 13         | C                   | M18 X 1-6H        | .518 (13.2) | 1.000 (25.4) | 1.100 (27.9) | 3.208 (81.5) | .250 (6.4)         | .375 (9.5)  |
| 008      | 13         | C                   | M18 X 1-6H        | .518 (13.2) | 1.000 (25.4) | 1.200 (30.5) | 3.208 (81.5) | .375 (9.5)         | .500 (12.7) |
| 009      | 15         | D                   | M22 X 1-6H        | .588 (14.9) | 1.150 (29.2) | 1.000 (25.4) | 3.298 (83.8) | .125 (3.2)         | .250 (6.4)  |
| 010      | 15         | D                   | M22 X 1-6H        | .588 (14.9) | 1.150 (29.2) | 1.100 (27.9) | 3.298 (83.8) | .250 (6.4)         | .375 (9.5)  |

Dimensions are in inches (mm).

(Continued on next page)

Rev. 1409

TX

### Backshell Dimensions (Continued from previous page)

| Dash No. | Shell Size | Military Shell Size | V Thread Class 2B | N           | D            | B            | L            | CC Cable Clearance |              |
|----------|------------|---------------------|-------------------|-------------|--------------|--------------|--------------|--------------------|--------------|
|          |            |                     |                   |             |              |              |              | Min                | Max          |
| 011      | 15         | D                   | M22 X 1-6H        | .588 (14.9) | 1.150 (29.2) | 1.200 (30.5) | 3.298 (83.8) | .375 (9.5)         | .500 (12.7)  |
| 012      | 15         | D                   | M22 X 1-6H        | .588 (14.9) | 1.150 (29.2) | 1.250 (31.8) | 3.298 (83.8) | .500 (12.7)        | .625 (15.9)  |
| 013      | 17         | E                   | M25 X 1-6H        | .678 (17.2) | 1.250 (31.8) | 1.000 (25.4) | 3.408 (86.6) | .125 (3.2)         | .250 (6.4)   |
| 014      | 17         | E                   | M25 X 1-6H        | .678 (17.2) | 1.250 (31.8) | 1.100 (27.9) | 3.408 (86.6) | .250 (6.4)         | .375 (9.5)   |
| 015      | 17         | E                   | M25 X 1-6H        | .678 (17.2) | 1.250 (31.8) | 1.200 (30.5) | 3.408 (86.6) | .375 (9.5)         | .500 (12.7)  |
| 016      | 17         | E                   | M25 X 1-6H        | .678 (17.2) | 1.250 (31.8) | 1.250 (31.8) | 3.408 (86.6) | .500 (12.7)        | .625 (15.9)  |
| 017      | 17         | E                   | M25 X 1-6H        | .678 (17.2) | 1.250 (31.8) | 1.400 (35.6) | 3.408 (86.6) | .625 (15.9)        | .750 (19.1)  |
| 018      | 19         | F                   | M28 X 1-6H        | .868 (22.0) | 1.400 (35.6) | 1.100 (27.9) | 3.598 (91.4) | .250 (6.4)         | .375 (9.5)   |
| 019      | 19         | F                   | M28 X 1-6H        | .868 (22.0) | 1.400 (35.6) | 1.200 (30.5) | 3.598 (91.4) | .375 (9.5)         | .500 (12.7)  |
| 020      | 19         | F                   | M28 X 1-6H        | .868 (22.0) | 1.400 (35.6) | 1.250 (31.8) | 3.598 (91.4) | .500 (12.7)        | .625 (15.9)  |
| 021      | 19         | F                   | M28 X 1-6H        | .868 (22.0) | 1.400 (35.6) | 1.400 (35.6) | 3.598 (91.4) | .625 (15.9)        | .750 (19.1)  |
| 022      | 19         | F                   | M28 X 1-6H        | .868 (22.0) | 1.400 (35.6) | 1.500 (38.1) | 3.598 (91.4) | .750 (19.1)        | .875 (22.2)  |
| 023      | 21         | G                   | M31 X 1-6H        | .868 (22.0) | 1.550 (39.4) | 1.100 (27.9) | 3.598 (91.4) | .250 (6.4)         | .375 (9.5)   |
| 024      | 21         | G                   | M31 X 1-6H        | .868 (22.0) | 1.550 (39.4) | 1.200 (30.5) | 3.598 (91.4) | .375 (9.5)         | .500 (12.7)  |
| 025      | 21         | G                   | M31 X 1-6H        | .868 (22.0) | 1.550 (39.4) | 1.250 (31.8) | 3.598 (91.4) | .500 (12.7)        | .625 (15.9)  |
| 026      | 21         | G                   | M31 X 1-6H        | .868 (22.0) | 1.550 (39.4) | 1.400 (35.6) | 3.598 (91.4) | .625 (15.9)        | .750 (19.1)  |
| 027      | 21         | G                   | M31 X 1-6H        | .868 (22.0) | 1.550 (39.4) | 1.500 (38.1) | 3.598 (91.4) | .750 (19.1)        | .875 (22.2)  |
| 028      | 21         | G                   | M31 X 1-6H        | .868 (22.0) | 1.550 (39.4) | 1.650 (41.9) | 3.598 (91.4) | .875 (22.2)        | 1.000 (25.4) |
| 029      | 23         | H                   | M34 X 1-6H        | .958 (24.3) | 1.650 (41.9) | 1.100 (27.9) | 3.748 (95.2) | .250 (6.4)         | .375 (9.5)   |
| 030      | 23         | H                   | M34 X 1-6H        | .958 (24.3) | 1.650 (41.9) | 1.200 (30.5) | 3.748 (95.2) | .375 (9.5)         | .500 (12.7)  |
| 031      | 23         | H                   | M34 X 1-6H        | .958 (24.3) | 1.650 (41.9) | 1.250 (31.8) | 3.748 (95.2) | .500 (12.7)        | .625 (15.9)  |
| 032      | 23         | H                   | M34 X 1-6H        | .958 (24.3) | 1.650 (41.9) | 1.400 (35.6) | 3.748 (95.2) | .625 (15.9)        | .750 (19.1)  |
| 033      | 23         | H                   | M34 X 1-6H        | .958 (24.3) | 1.650 (41.9) | 1.500 (38.1) | 3.748 (95.2) | .750 (19.1)        | .875 (22.2)  |
| 034      | 23         | H                   | M34 X 1-6H        | .958 (24.3) | 1.650 (41.9) | 1.650 (41.9) | 3.748 (95.2) | .875 (22.2)        | 1.000 (25.4) |
| 035      | 23         | H                   | M34 X 1-6H        | .958 (24.3) | 1.650 (41.9) | 1.750 (44.5) | 3.748 (95.2) | 1.000 (25.4)       | 1.125 (28.6) |
| 036      | 25         | J                   | M37 X 1-6H        | .958 (24.3) | 1.850 (47.0) | 1.200 (30.5) | 3.748 (95.2) | .375 (9.5)         | .500 (12.7)  |
| 037      | 25         | J                   | M37 X 1-6H        | .958 (24.3) | 1.850 (47.0) | 1.250 (31.8) | 3.748 (95.2) | .500 (12.7)        | .625 (15.9)  |
| 038      | 25         | J                   | M37 X 1-6H        | .958 (24.3) | 1.850 (47.0) | 1.400 (35.6) | 3.748 (95.2) | .625 (15.9)        | .750 (19.1)  |
| 039      | 25         | J                   | M37 X 1-6H        | .958 (24.3) | 1.850 (47.0) | 1.500 (38.1) | 3.748 (95.2) | .750 (19.1)        | .875 (22.2)  |
| 040      | 25         | J                   | M37 X 1-6H        | .958 (24.3) | 1.850 (47.0) | 1.650 (41.9) | 3.748 (95.2) | .875 (22.2)        | 1.000 (25.4) |
| 041      | 25         | J                   | M37 X 1-6H        | .958 (24.3) | 1.850 (47.0) | 1.750 (44.5) | 3.748 (95.2) | 1.000 (25.4)       | 1.125 (28.6) |
| 042      | 25         | J                   | M37 X 1-6H        | .958 (24.3) | 1.850 (47.0) | 1.900 (48.3) | 3.748 (95.2) | 1.125 (28.6)       | 1.250 (31.8) |

Dimensions are in inches (mm).

