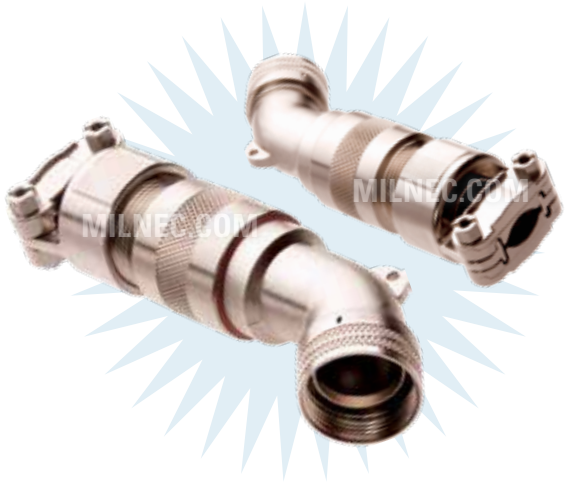
# 45° EMI/RFI Env. Backshell

*TM Series • MIL-DTL-5015 Crimp Type Connectors*



## TMR3 - 009 N

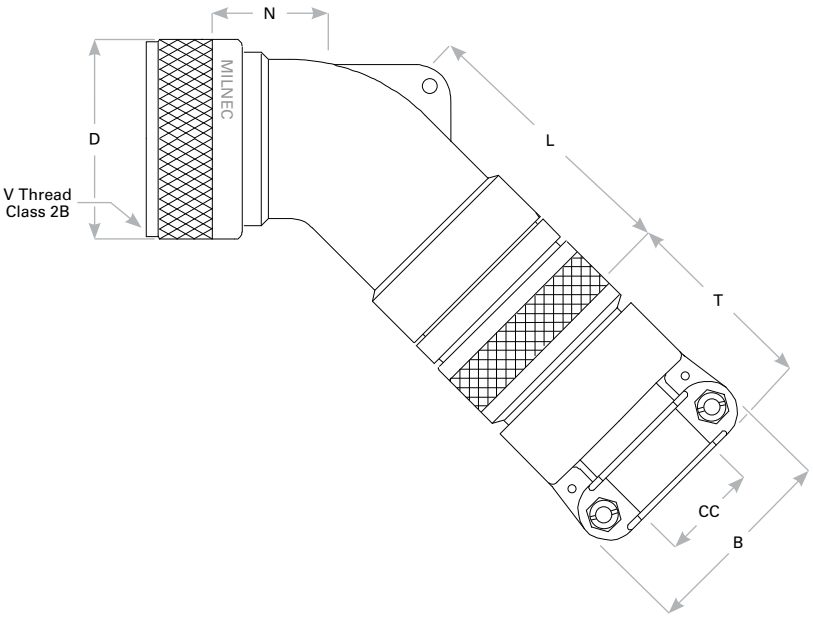
1 2 3

1. **BASIC PART NUMBER**
   - **TMR3** 45° EMI/RFI env. backshell
2. **DASH NO.**
   - See Backshell Dimensions table below
3. **MATERIAL & FINISH**
   - **N** Aluminum, electroless nickel
   - **W** Aluminum, olive drab cadmium

**Note:** See part builder (p. K-11) for additional kit options.

## TMR3 Compatibility

| Compatible Brands | Connectors |
|---|---|
| **MIL-DTL-5015 Crimp** | MS3450, MS3451, MS3454, MS3456, MS3459 |
| **Aero Electric** | AE550, AE551, AE554, AE556, AE559 |
| **Amphenol / Matrix** | 9440, 9441, 9444, 9446, 9816 |
| **J-Tech / Conesys** | DC60, DC61, DC62, DC63 |
| **ITT Cannon** | CV3450, CV3451, CV3454, CV3456, CV3459 |




## Backshell Dimensions

| Dash No. | Shell Size | V Thread Class 2B | N | T | D | B | L | CC Cable Clearance | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Min | Max |
| **004** | 10 | .625-24 UNEF | .686 (17.4) | 1.544 (39.2) | .734 (18.6) | .957 (24.3) | 1.912 (48.6) | .125 (3.2) | .312 (7.9) |
| **005** | 10 | .625-24 UNEF | .686 (17.4) | 1.544 (39.2) | .734 (18.6) | 1.145 (29.1) | 1.307 (33.2) | .250 (6.4) | .375 (9.5) |
| **049** | 10 | .625-24 UNEF | 1.500 (38.1) | 1.544 (39.2) | .734 (18.6) | 1.145 (29.1) | 1.972 (50.1) | .250 (6.4) | .437 (11.1) |
| **006** | 12 | .750-20 UNEF | .750 (19.1) | 1.544 (39.2) | .858 (21.8) | .957 (24.3) | 1.972 (50.1) | .125 (3.2) | .312 (7.9) |
| **007** | 12 | .750-20 UNEF | .750 (19.1) | 1.544 (39.2) | .858 (21.8) | 1.145 (29.1) | 1.972 (50.1) | .250 (6.4) | .437 (11.1) |

Dimensions are in inches (mm).

(Continued on next page)

## Backshell Dimensions (Continued from previous page)

| Dash No. | Shell Size | V Thread Class 2B | N | T | D | B | L | CC Cable Clearance | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Min | Max |
| **008** | 12 | .750-20 UNEF | .750 (19.1) | 1.844 (46.8) | .858 (21.8) | 1.332 (33.8) | 1.972 (50.1) | .350 (8.9) | .500 (12.7) |
| **071** | 12 | .750-20 UNEF | 1.654 (42.0) | 1.844 (46.8) | .858 (21.8) | 1.332 (33.8) | 2.172 (55.2) | .350 (8.9) | .625 (15.9) |
| **074** | 14 | .875-20 UNEF | .813 (20.7) | 1.544 (39.2) | .984 (25.0) | .957 (24.3) | 2.062 (52.4) | .125 (3.2) | .312 (7.9) |
| **009** | 14 | .875-20 UNEF | .813 (20.7) | 1.544 (39.2) | .984 (25.0) | 1.145 (29.1) | 2.062 (52.4) | .250 (6.4) | .437 (11.1) |
| **010** | 14 | .875-20 UNEF | .813 (20.7) | 1.844 (46.8) | .984 (25.0) | 1.332 (33.8) | 1.717 (43.6) | .350 (8.9) | .575 (14.6) |
| **050** | 14 | .875-20 UNEF | 1.842 (46.8) | 1.916 (48.7) | .984 (25.0) | 1.551 (39.4) | 2.362 (60.0) | .500 (12.7) | .750 (19.1) |
| **075** | 16 | 1.000-20 UNEF | .906 (23.0) | 1.544 (39.2) | 1.112 (28.2) | .957 (24.3) | 2.172 (55.2) | .125 (3.2) | .312 (7.9) |
| **011** | 16 | 1.000-20 UNEF | .906 (23.0) | 1.544 (39.2) | 1.112 (28.2) | 1.145 (29.1) | 2.172 (55.2) | .250 (6.4) | .437 (11.1) |
| **040** | 16 | 1.000-20 UNEF | .906 (23.0) | 1.844 (46.8) | 1.112 (28.2) | 1.332 (33.8) | 2.172 (55.2) | .350 (8.9) | .625 (15.9) |
| **012** | 16 | 1.000-20 UNEF | .906 (23.0) | 1.916 (48.7) | 1.112 (28.2) | 1.551 (39.4) | 1.812 (46.0) | .500 (12.7) | .700 (17.8) |
| **051** | 16 | 1.000-20 UNEF | 1.937 (49.2) | 2.000 (50.8) | 1.112 (28.2) | 1.770 (45.0) | 2.512 (63.8) | .625 (15.9) | .937 (23.8) |
| **041** | 18 | 1.062-18 UNEF | 1.093 (27.8) | 1.544 (39.2) | 1.218 (30.9) | .957 (24.3) | 2.362 (60.0) | .125 (3.2) | .312 (7.9) |
| **042** | 18 | 1.062-18 UNEF | 1.093 (27.8) | 1.544 (39.2) | 1.218 (30.9) | 1.145 (29.1) | 2.362 (60.0) | .250 (6.4) | .437 (11.1) |
| **013** | 18 | 1.062-18 UNEF | 1.093 (27.8) | 1.844 (46.8) | 1.218 (30.9) | 1.332 (33.8) | 2.362 (60.0) | .350 (8.9) | .625 (15.9) |
| **052** | 18 | 1.062-18 UNEF | 1.093 (27.8) | 1.916 (48.7) | 1.218 (30.9) | 1.551 (39.4) | 2.362 (60.0) | .500 (12.7) | .750 (19.1) |
| **014** | 18 | 1.062-18 UNEF | 1.093 (27.8) | 2.000 (50.8) | 1.218 (30.9) | 1.770 (45.0) | 2.000 (50.8) | .625 (15.9) | .779 (19.8) |
| **072** | 18 | 1.062-18 UNEF | 1.937 (49.2) | 2.000 (50.8) | 1.218 (30.9) | 1.770 (45.0) | 2.512 (63.8) | .625 (15.9) | .937 (23.8) |
| **043** | 20 | 1.188-18 UNEF | 1.093 (27.8) | 1.544 (39.2) | 1.345 (34.2) | 1.145 (29.1) | 2.362 (60.0) | .250 (6.4) | .437 (11.1) |
| **015** | 20 | 1.188-18 UNEF | 1.093 (27.8) | 1.844 (46.8) | 1.345 (34.2) | 1.332 (33.8) | 2.362 (60.0) | .350 (8.9) | .625 (15.9) |
| **054** | 20 | 1.188-18 UNEF | 1.093 (27.8) | 1.916 (48.7) | 1.345 (34.2) | 1.551 (39.4) | 2.362 (60.0) | .500 (12.7) | .750 (19.1) |
| **016** | 20 | 1.188-18 UNEF | 1.093 (27.8) | 2.000 (50.8) | 1.345 (34.2) | 1.770 (45.0) | 2.000 (50.8) | .625 (15.9) | .904 (23.0) |
| **055** | 20 | 1.188-18 UNEF | 2.061 (52.3) | 2.230 (56.6) | 1.345 (34.2) | 2.113 (53.7) | 2.562 (65.1) | .875 (22.2) | 1.250 (31.8) |
| **044** | 22 | 1.313-18 UNEF | 1.188 (30.2) | 1.544 (39.2) | 1.468 (37.3) | .957 (24.3) | 2.512 (63.8) | .125 (3.2) | .312 (7.9) |
| **045** | 22 | 1.313-18 UNEF | 1.188 (30.2) | 1.544 (39.2) | 1.468 (37.3) | 1.145 (29.1) | 2.512 (63.8) | .250 (6.4) | .437 (11.1) |
| **056** | 22 | 1.313-18 UNEF | 1.188 (30.2) | 1.844 (46.8) | 1.468 (37.3) | 1.332 (33.8) | 2.512 (63.8) | .350 (8.9) | .625 (15.9) |
| **017** | 22 | 1.313-18 UNEF | 1.188 (30.2) | 1.916 (48.7) | 1.468 (37.3) | 1.551 (39.4) | 2.512 (63.8) | .500 (12.7) | .750 (19.1) |
| **057** | 22 | 1.313-18 UNEF | 1.188 (30.2) | 2.000 (50.8) | 1.468 (37.3) | 1.770 (45.0) | 2.512 (63.8) | .625 (15.9) | .937 (23.8) |
| **018** | 22 | 1.313-18 UNEF | 1.188 (30.2) | 2.230 (56.6) | 1.468 (37.3) | 2.113 (53.7) | 2.155 (54.7) | .875 (22.2) | 1.029 (26.1) |
| **058** | 22 | 1.313-18 UNEF | 2.061 (52.3) | 2.230 (56.6) | 1.468 (37.3) | 2.113 (53.7) | 2.562 (65.1) | .875 (22.2) | 1.250 (31.8) |
| **046** | 24 | 1.438-18 UNEF | 1.188 (30.2) | 1.844 (46.8) | 1.593 (40.5) | 1.332 (33.8) | 2.512 (63.8) | .350 (8.9) | .625 (15.9) |
| **019** | 24 | 1.438-18 UNEF | 1.188 (30.2) | 1.916 (48.7) | 1.593 (40.5) | 1.551 (39.4) | 2.512 (63.8) | .500 (12.7) | .750 (19.1) |
| **059** | 24 | 1.438-18 UNEF | 1.188 (30.2) | 2.000 (50.8) | 1.593 (40.5) | 1.770 (45.0) | 2.512 (63.8) | .625 (15.9) | .937 (23.8) |
| **020** | 24 | 1.438-18 UNEF | 1.188 (30.2) | 2.230 (56.6) | 1.593 (40.5) | 2.113 (53.7) | 2.155 (54.7) | .875 (22.2) | 1.144 (29.1) |
| **073** | 24 | 1.438-18 UNEF | 2.061 (52.3) | 2.230 (56.6) | 1.593 (40.5) | 2.116 (53.7) | 2.562 (65.1) | .875 (22.2) | 1.250 (31.8) |
| **060** | 28 | 1.750-18 UNS | 1.313 (33.4) | 1.916 (48.7) | 1.969 (50.0) | 1.551 (39.4) | 2.562 (65.1) | .500 (12.7) | .750 (19.1) |
| **021** | 28 | 1.750-18 UNS | 1.313 (33.4) | 2.000 (50.8) | 1.969 (50.0) | 1.770 (45.0) | 2.562 (65.1) | .625 (15.9) | .937 (23.8) |
| **061** | 28 | 1.750-18 UNS | 1.313 (33.4) | 2.230 (56.6) | 1.969 (50.0) | 2.113 (53.7) | 2.562 (65.1) | .875 (22.2) | 1.250 (31.8) |
| **022** | 28 | 1.750-18 UNS | 1.312 (33.3) | 2.024 (51.4) | 1.969 (50.0) | 2.363 (60.0) | 2.218 (56.3) | 1.000 (25.4) | 1.375 (34.9) |
| **023** | 32 | 2.000-18 UNS | 1.375 (34.9) | 2.000 (50.8) | 2.219 (56.4) | 1.770 (45.0) | 2.662 (67.6) | .625 (15.9) | .937 (23.8) |
| **024** | 32 | 2.000-18 UNS | 1.375 (34.9) | 2.230 (56.6) | 2.219 (56.4) | 2.113 (53.7) | 2.662 (67.6) | .875 (22.2) | 1.250 (31.8) |
| **062** | 32 | 2.000-18 UNS | 1.375 (34.9) | 2.024 (51.4) | 2.219 (56.4) | 2.363 (60.0) | 2.662 (67.6) | 1.000 (25.4) | 1.375 (34.9) |
| **025** | 32 | 2.000-18 UNS | 1.375 (34.9) | 2.550 (64.8) | 2.219 (56.4) | 2.770 (70.4) | 2.312 (58.7) | 1.250 (31.8) | 1.625 (41.3) |
| **047** | 36 | 2.250-16 UN | 1.406 (35.7) | 1.916 (48.7) | 2.469 (62.7) | 1.551 (39.4) | 2.752 (69.9) | .500 (12.7) | .750 (19.1) |
| **026** | 36 | 2.250-16 UN | 1.406 (35.7) | 2.000 (50.8) | 2.469 (62.7) | 1.770 (45.0) | 2.752 (69.9) | .625 (15.9) | .937 (23.8) |
| **063** | 36 | 2.250-16 UN | 1.406 (35.7) | 2.230 (56.6) | 2.469 (62.7) | 2.113 (53.7) | 2.752 (69.9) | .875 (22.2) | 1.250 (31.8) |
| **027** | 36 | 2.250-16 UN | 1.406 (35.7) | 2.024 (51.4) | 2.469 (62.7) | 2.363 (60.0) | 2.752 (69.9) | 1.000 (25.4) | 1.375 (34.9) |
| **064** | 36 | 2.250-16 UN | 1.406 (35.7) | 2.550 (64.8) | 2.469 (62.7) | 2.770 (70.4) | 2.752 (69.9) | 1.250 (31.8) | 1.625 (41.3) |
| **028** | 36 | 2.250-16 UN | 1.406 (35.7) | 2.600 (66.0) | 2.469 (62.7) | 3.020 (76.7) | 2.406 (61.1) | 1.437 (36.5) | 1.840 (46.7) |

Dimensions are in inches (mm).

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