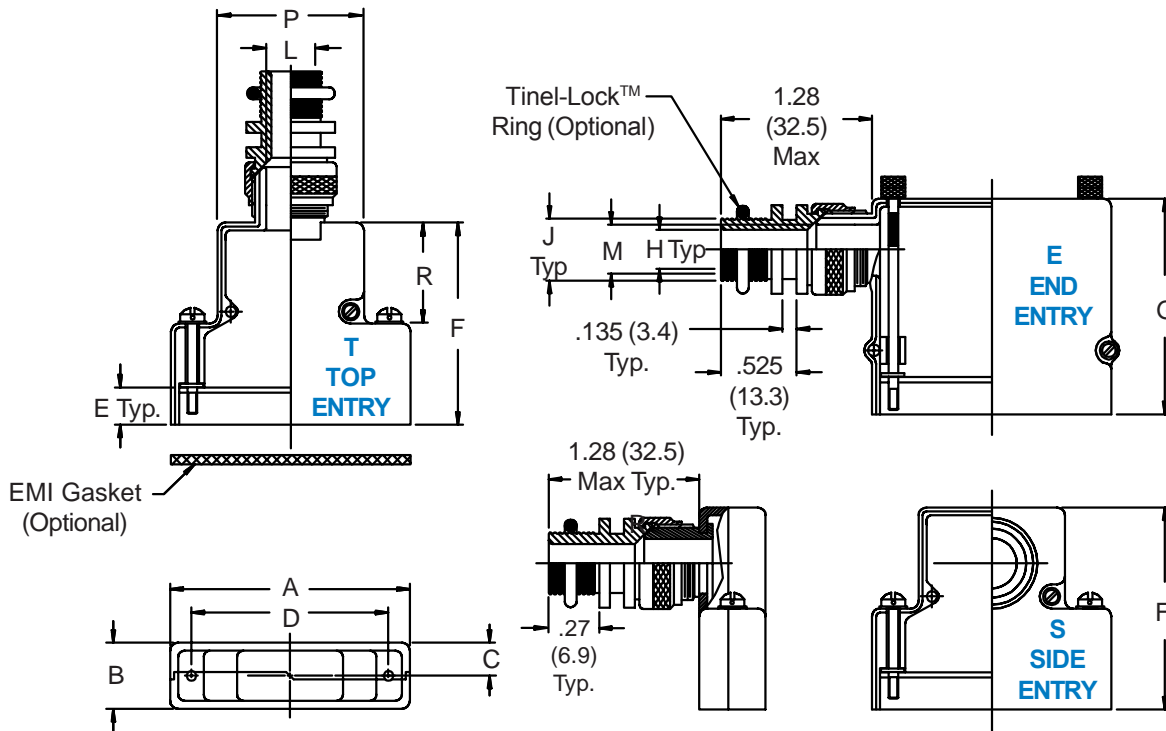
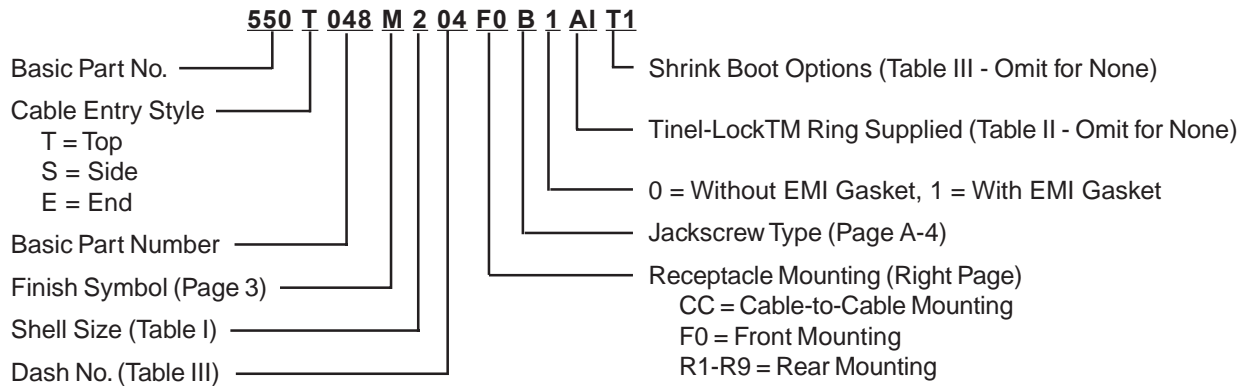
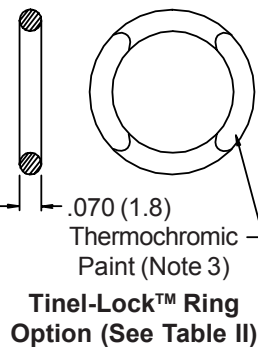




550-048 D-Subminiature Split Tinel-Lock™ Banding Backshell



| Shell Size | Com'l Shell Size Ref | L Dia Style T Shell I.D. | M Dia Style E Shell I.D. | Max Entry Dash No. (Table III) |
|------------|----------------------|--------------------------|--------------------------|--------------------------------|
| 1 | E/09 | .250 (6.4) | .375 (9.5) | 01 |
| 2 | A/15 | .375 (9.5) | .375 (9.5) | 03 |
| 3 | B/25 | .475 (12.1) | .475 (12.1) | 04 |
| 4 | C/37 | .475 (12.1) | .475 (12.1) | 04 |
| 5 | D/50 | .575 (14.6) | .575 (14.6) | 05 |
| 6 | F/104 | 1.000 (25.4) | 1.000 (25.4) | 09 |



| Braid Type | Ring Desig. |
|---------------------|-------------|
| Single Layer 36 AWG | A1 |
| Single Layer 34 AWG | A1 |
| Single Layer 32 AWG | B1 |
| Single Layer 30 AWG | B1 |
| Double Layer 36 AWG | B1 |
| Double Layer 34 AWG | B1 |
| Double Layer 32 AWG | C1 |

550-048
D-Subminiature Split
Tinel-Lock™ Banding Backshell



MIL-C-24308
D-Subminiature

TABLE III: SHRINK BOOT

| Dash No. | H Dia | J Dia Max | Shrink Boot Option T1* | Shrink Boot Option T2* | Tinel-Lock™ Ring Entry Size |
|----------|--------------|--------------|------------------------|------------------------|-----------------------------|
| 01 | .250 (6.4) | .375 (9.5) | 202K121-25-0 | 202K121-100-0 | 04 |
| 02 | .312 (7.9) | .437 (11.1) | 202K132-25-0 | 202K132-100-0 | 05 |
| 03 | .375 (9.5) | .500 (12.7) | 202K132-25-0 | 202K132-100-0 | 06 |
| 04 | .438 (11.1) | .562 (14.3) | 202K142-25-0 | 202K142-100-0 | 07 |
| 05 | .500 (12.7) | .625 (15.9) | 202K142-25-0 | 202K142-100-0 | 08 |
| 06 | .625 (15.9) | .750 (19.1) | 202K153-25-0 | 202K153-100-0 | 10 |
| 07 | .750 (19.1) | .875 (22.2) | 202K153-25-0 | 202K153-100-0 | 12 |
| 08 | .875 (22.2) | 1.000 (25.4) | 202K163-25-0 | 202K163-100-0 | 14 |
| 09 | 1.000 (25.4) | 1.125 (28.6) | 202K163-25-0 | 202K163-100-0 | 16 |

* Raychem Shrink Boot and Epoxy/Polyamide Two Part Adhesive Paste (S1125) Supplied with "T1" Option (See Part Number Development)

** Raychem Shrink Boot and Hot-Melt/Polyolyfin Adhesive Supplied with "T2" Option (See Part Number Development) - This is a Halogen Free System

1. Metric dimensions (mm) are indicated in parentheses.
2. **DO NOT USE CONNECTORS WITH FLOAT MOUNTINGS.**
3. The Tinel-Lock™ Ring designator must be specified according to the type of cable braid used. Tinel-Lock™ Rings are marked with thermochromic paint which changes color when the correct installation temperature is reached. BI rings are identified with a red spot. CI rings are identified with a blue spot.

COMMON BACKSHELL DIMENSIONS

| Shell Size | Com'l Shell Size Ref | A Max | B Max | C Ref. | D ±.005 (.1) | P | R Ref |
|------------|----------------------|--------------|-------------|-------------|--------------|--------------|--------------|
| 1 | E/09 | 1.393 (35.4) | .624 (15.8) | .312 (7.9) | .984 (25.0) | .730 (18.5) | .719 (18.3) |
| 2 | A/15 | 1.706 (43.3) | .624 (15.8) | .312 (7.9) | 1.312 (33.3) | 1.050 (26.7) | .719 (18.3) |
| 3 | B/25 | 2.265 (57.5) | .624 (15.8) | .312 (7.9) | 1.852 (47.0) | 1.594 (40.5) | .938 (23.8) |
| 4 | C/37 | 2.900 (73.7) | .624 (15.8) | .312 (7.9) | 2.500 (63.5) | 2.240 (56.9) | .938 (23.8) |
| 5 | D/50 | 2.800 (71.1) | .750 (19.1) | .375 (9.5) | 2.406 (61.1) | 2.140 (54.4) | .938 (23.8) |
| 6 | F/104 | 2.900 (73.7) | .844 (21.4) | .422 (10.7) | 2.500 (63.5) | 2.240 (56.9) | 1.094 (27.8) |

CABLE MOUNTING DIMENSIONS

| Dash No. | Panel Thickness | E | F ±.031 (0.79) | | | G ±.031 (0.79) | |
|----------|-----------------|------------|----------------|--------------|--------------|----------------|--------------|
| | | | Sizes 1 & 2 | Sizes 3 - 5 | Size 6 | Sizes 1 & 2 | Sizes 3 - 5 |
| CC | n/a | .174 (4.4) | 1.451 (36.9) | 1.671 (42.4) | 1.820 (50.8) | 1.583 (40.2) | 1.831 (46.5) |
| F0 | n/a | .343 (8.7) | 1.625 (41.3) | 1.844 (46.8) | 2.000 (50.8) | 1.750 (44.5) | 1.831 (46.5) |
| R1 | .031 (.8) | .247 (6.3) | 1.525 (38.7) | 1.745 (44.3) | 1.890 (48.0) | 1.656 (42.1) | 2.000 (50.8) |
| R2 | .047 (1.2) | .231 (5.9) | 1.509 (38.3) | 1.728 (43.9) | 1.875 (47.6) | 1.640 (41.7) | 1.904 (48.4) |
| R3 | .062 (1.6) | .216 (5.5) | 1.500 (38.1) | 1.720 (43.7) | 1.860 (47.2) | 1.625 (41.3) | 1.888 (48.0) |
| R4 | .093 (2.4) | .185 (4.7) | 1.470 (37.3) | 1.690 (42.9) | 1.829 (46.5) | 1.594 (40.5) | 1.873 (47.6) |
| R5 | .104 (2.6) | .174 (4.4) | 1.451 (36.9) | 1.671 (42.4) | 1.820 (46.2) | 1.583 (40.2) | 1.842 (46.8) |
| R6 | .125 (3.2) | .153 (3.9) | 1.430 (36.3) | 1.650 (41.9) | 1.798 (45.7) | 1.563 (39.7) | 1.831 (46.5) |
| R7 | .156 (4.0) | .125 (3.2) | 1.400 (35.6) | 1.620 (41.1) | 1.767 (44.9) | 1.531 (38.9) | 1.811 (46.0) |
| R8 | .135 (3.4) | .140 (3.6) | 1.417 (36.0) | 1.637 (41.6) | 1.805 (45.8) | 1.550 (39.4) | 1.781 (45.2) |
| R9 | .188 (4.8) | .094 (2.4) | 1.368 (34.7) | 1.590 (40.4) | 1.740 (44.2) | 1.500 (38.1) | 1.798 (45.7) |