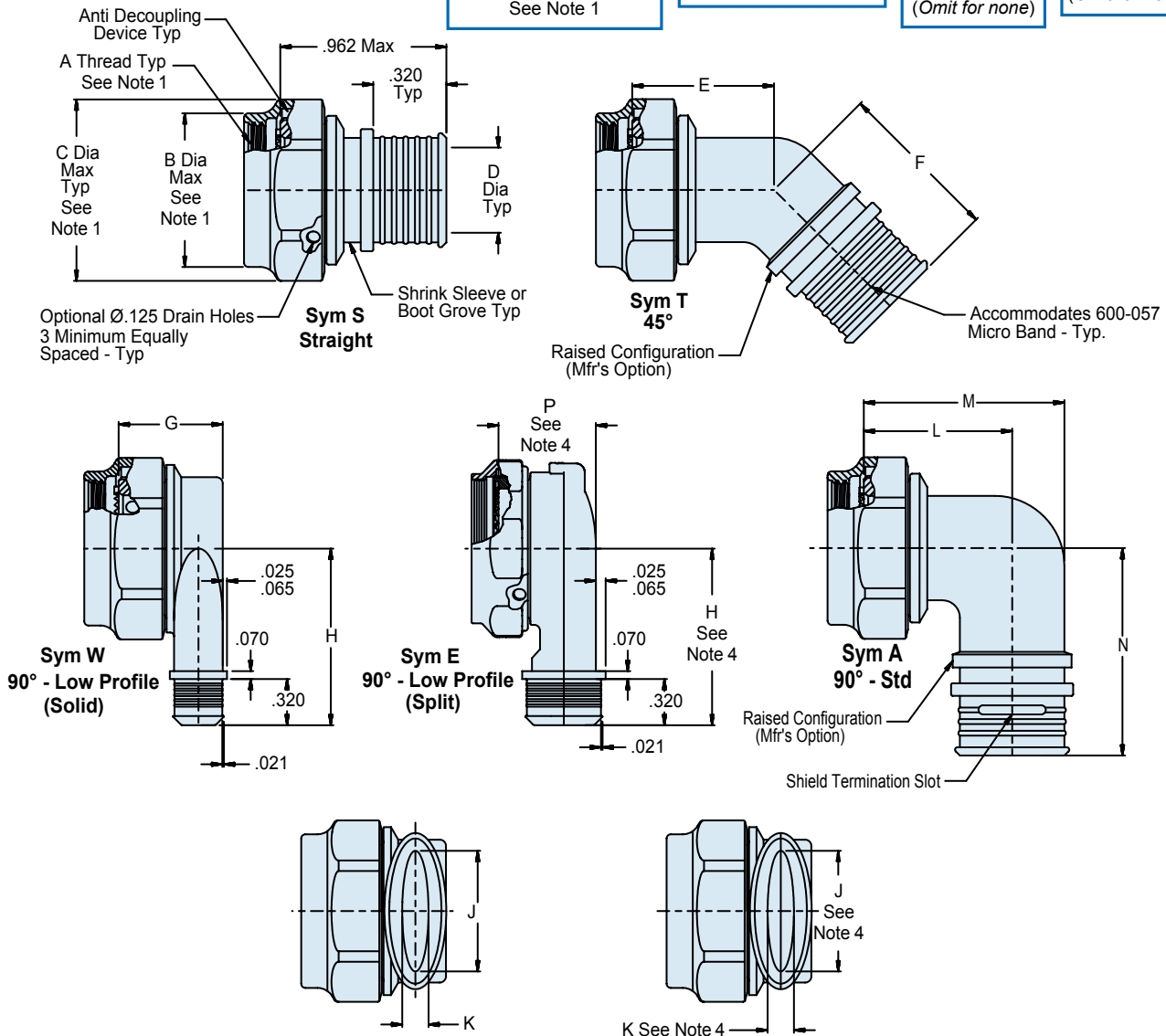
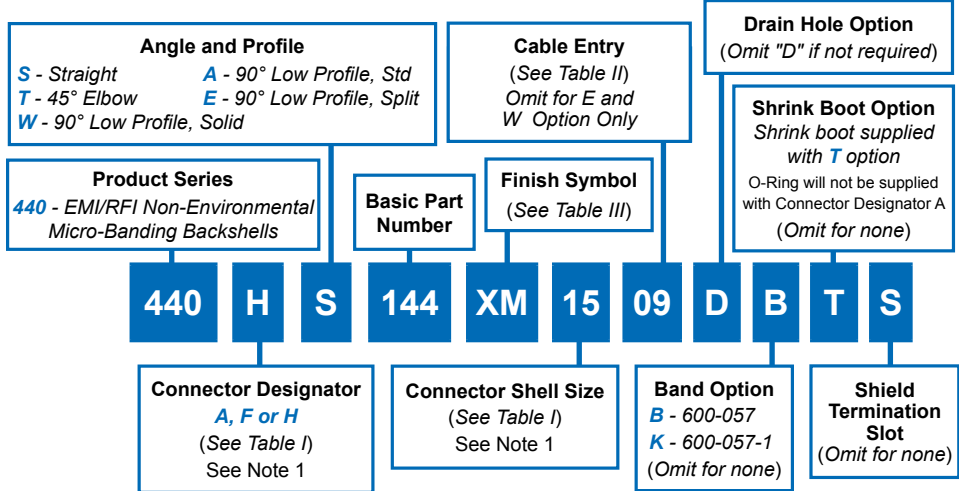


440-144

Composite Ultra Low Profile EMI/RFI Micro-Banding Backshell with Shrink Boot Porch and Self-Locking Rotatable Coupling

A

| CONNECTOR DESIGNATOR: | |
|---------------------------|---------------------------------|
| F | MIL-DTL-38999 Series I, II |
| H | MIL-DTL-38999 Series III and IV |
| SELF-LOCKING | |
| ROTATABLE COUPLING | |
| ULTRA LOW PROFILE | |



440-144
Composite Ultra Low Profile EMI/RFI
Micro-Banding Backshell with Shrink Boot Porch
and Self-Locking Rotatable Coupling



TABLE I: SHELL SIZE

| Shell Size | | Entry Code Available for Straight, 45° and 90° Std Configuration | G Max | H ± .03 | J | K | L. ± .09 | M ±.09 | N Max | P Max |
|------------|----|--|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|
| A & F | H | | | | | | | | | |
| 08 | 09 | 04 | .630 (16.0) | 1.042 (26.5) | .304 (7.7) | .160 (4.1) | .690 (17.5) | .880 (22.4) | 1.360 (34.5) | .810 (20.6) |
| 10 | 11 | 05 | .660 (16.8) | 1.107 (28.1) | .432 (11.0) | .174 (4.4) | .750 (19.1) | 1.000 (24.5) | 1.420 (36.1) | .810 (20.6) |
| 12 | 13 | 07 | .720 (18.3) | 1.174 (29.8) | .546 (13.9) | .195 (5.0) | .810 (20.6) | 1.130 (28.7) | 1.480 (37.6) | .820 (20.8) |
| 14 | 15 | 09 | .830 (21.1) | 1.241 (31.5) | .670 (17.0) | .315 (8.0) | .880 (22.4) | 1.310 (33.3) | 1.550 (39.4) | .880 (22.4) |
| 16 | 17 | 05 and 11 | .910 (23.1) | 1.305 (33.1) | .796 (20.2) | .385 (9.8) | .940 (23.9) | 1.380 (35.1) | 1.610 (40.9) | .930 (23.6) |
| 18 | 19 | 07 and 13 | .930 (23.6) | 1.371 (34.8) | .902 (22.9) | .445 (11.3) | .970 (24.6) | 1.440 (36.6) | 1.640 (41.7) | .990 (25.1) |
| 20 | 21 | 09 and 15 | 1.040 (26.4) | 1.438 (36.5) | 1.027 (26.1) | .525 (13.3) | 1.060 (26.9) | 1.630 (41.4) | 1.730 (43.9) | 1.060 (26.9) |
| 22 | 23 | 11 and 16 | 1.120 (28.4) | 1.505 (38.2) | 1.152 (29.3) | .595 (15.1) | 1.130 (28.7) | 1.750 (44.5) | 1.800 (45.7) | 1.130 (28.7) |
| 24 | 25 | 07, 13 and 17 | 1.180 (30.0) | 1.572 (39.9) | 1.276 (32.4) | .655 (16.6) | 1.190 (30.2) | 1.880 (47.8) | 1.860 (47.2) | 1.050 (26.7) |
| 24* | 25 | | 1.020 (26.0) | 1.850 (47.0) | 1.460 (37.1) | .450 (11.4) | | | | 1.050 (26.7) |

*See Note 2

TABLE II: CABLE ENTRY

| Entry Code | D ± .030 | E ± .060 | F ± .090 |
|------------|--------------|-------------|--------------|
| 04 | .250 (6.4) | .720 (18.3) | .870 (22.1) |
| 05 | .310 (7.9) | .750 (19.1) | .930 (23.6) |
| 07 | .440 (11.2) | .750 (19.1) | 1.000 (25.4) |
| 09 | .560 (14.2) | .760 (19.3) | 1.030 (26.2) |
| 11 | .680 (17.3) | .780 (19.8) | 1.050 (26.7) |
| 13 | .810 (20.6) | .790 (20.1) | 1.060 (26.9) |
| 15 | .940 (23.9) | .820 (20.8) | 1.090 (27.7) |
| 16 | 1.000 (25.4) | .860 (21.8) | 1.130 (28.7) |
| 17 | 1.160 (29.5) | .890 (22.6) | 1.160 (29.5) |

TABLE III: FINISH

| Symbol | Finish Description |
|--------|--|
| XM | 2000 Hour Corrosion Resistant Electroless Nickel |
| XMT | 2000 Hour Corrosion Resistant Ni-PTFE, Nickel-Fluorocarbon Polymer. <i>1000 Hour Grey™</i> |
| XW | 2000 Hour Corrosion Resistant Cadmium/Olive Drab over Electroless Nickel |

NOTES

1. 770-001S**-0 shrink boot supplied with T option. See shrink boot product page for more details.
2. For Sym "E" low profile split shell sizes 24 and 25 dimensions, use indicator row in Table I.
3. Coupling nut supplied unplated.
4. See Table I in Intro for front-end dimensional details.