

# 440-144

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

**A**

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

Angle and Profile	
<i>S</i> - Straight	<i>A</i> - 90° Low Profile, Std
<i>T</i> - 45° Elbow	<i>E</i> - 90° Low Profile, Split
<i>W</i> - 90° Low Profile, Solid	

Cable Entry
(See Table II) Omit for <i>E</i> and <i>W</i> Option Only

Drain Hole Option
(Omit "D" if not required)

Shrink Boot Option
Shrink boot supplied with <i>T</i> option O-Ring will not be supplied with Connector Designator A (Omit for none)

Product Series
440 - EMI/RFI Non-Environmental Micro-Banding Backshells

Basic Part Number
440 H S 144 XM 15 09 D B T S

Finish Symbol
(See Table III)

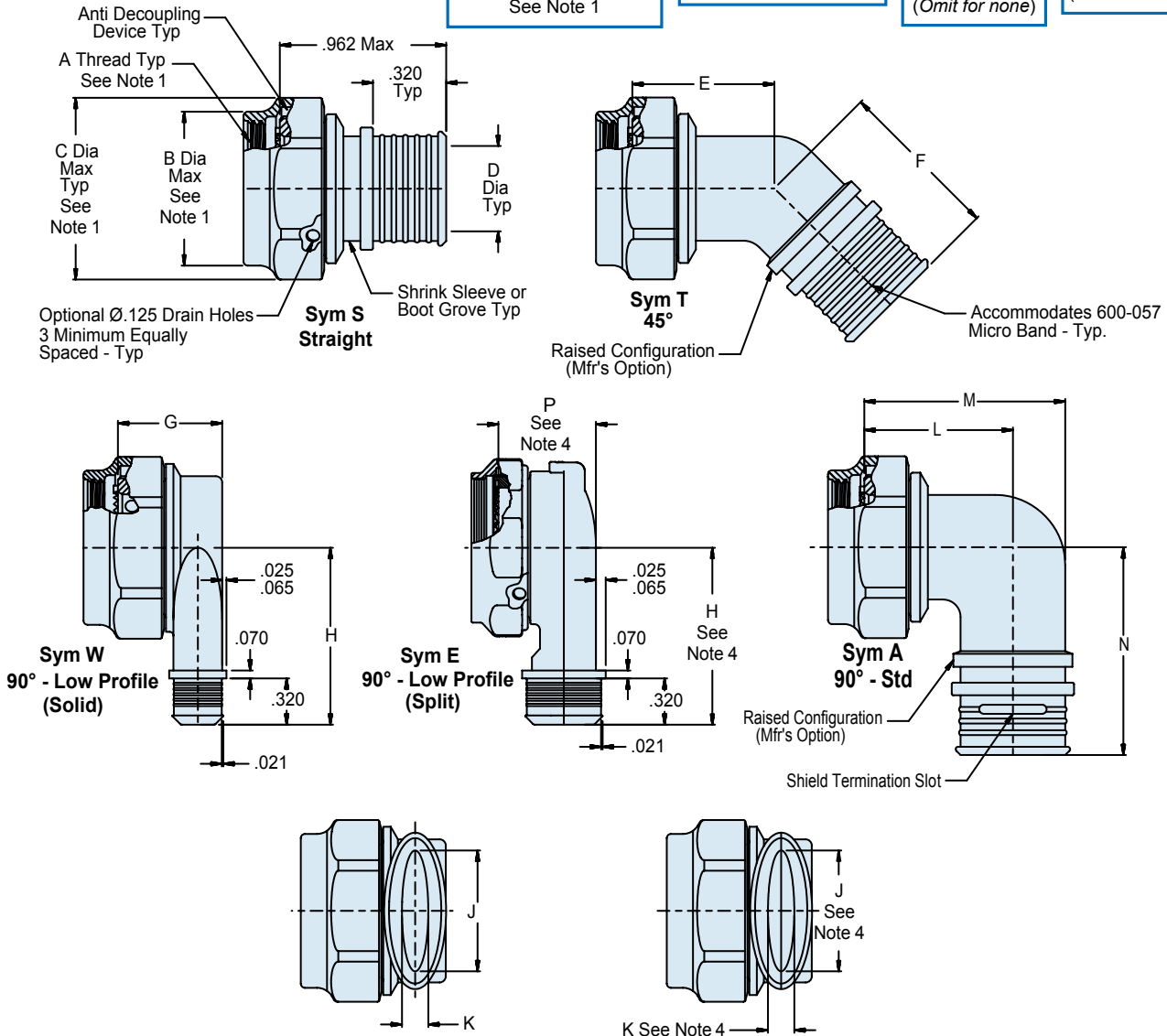
**440 H S 144 XM 15 09 D B T S**

Connector Designator
<i>A, F</i> or <i>H</i> (See Table I) See Note 1

Connector Shell Size
(See Table I) See Note 1

Band Option
<i>B</i> - 600-057 <i>K</i> - 600-057-1 (Omit for none)

Shield Termination Slot
(Omit for none)



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**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.