

440-144

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

CONNECTOR DESIGNATOR:

F	MIL-DTL-38999 Series I, II
H	MIL-DTL-38999 Series III and IV

SELF-LOCKING

ROTATABLE COUPLING

ULTRA LOW PROFILE

Angle and Profile

S - Straight
T - 45° Elbow
W - 90° Elbow

Cable Entry

(See Table IV)
 Omit for 90° Configuration

Drain Hole Option

(Omit "D" if not required)

Shrink Boot Option

Shrink boot supplied
 with *T* option
 Available for S and T
 profiles only
 (Omit for none)

Product Series

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

Basic Part
Number

Finish Symbol

(See Table III)

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

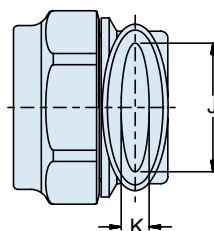
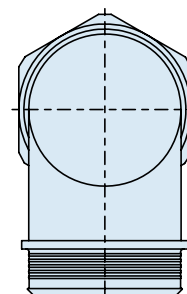
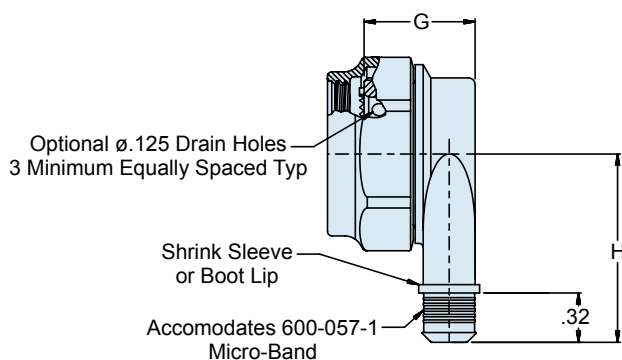
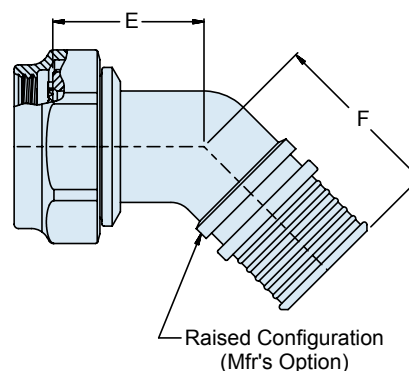
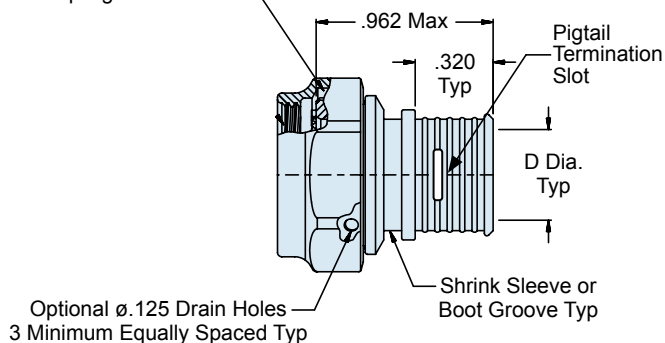
Connector Designator
F or *H*

Connector Shell Size
 (See Table II)

Band Option
 Band supplied
 with *K* option
 (Omit for none)

Slot Option
S - Pigtail
 Termin. Slot
 (Omit for none)

Anti-Decoupling Device TYP



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



TABLE II: SHELL SIZE

Shell Size		Entry Code Available for Straight and 45° Configuration	G Max	H ± .03	J	K
F	H					
08	09	04	.63 (16.0)	1.042 (26.5)	.304 (7.7)	.160 (4.1)
10	11	05	.66 (16.8)	1.107 (28.1)	.432 (11.0)	.174 (4.4)
12	13	07	.72 (18.3)	1.174 (29.8)	.546 (13.9)	.195 (5.0)
14	15	09	.83 (21.1)	1.241 (31.5)	.670 (17.0)	.315 (8.0)
16	17	05 and 11	.91 (23.1)	1.305 (33.1)	.796 (20.2)	.385 (9.8)
18	19	07 and 13	.93 (23.6)	1.371 (34.8)	.902 (22.9)	.445 (11.3)
20	21	09 and 15	1.04 (26.4)	1.438 (36.5)	1.027 (26.1)	.525 (13.3)
22	23	11 and 16	1.12 (28.4)	1.505 (38.2)	1.152 (29.3)	.595 (15.1)
24	25	07, 13 and 17	1.18 (30.0)	1.572 (39.9)	1.276 (32.4)	.655 (16.6)

TABLE IV: CABLE ENTRY

Dash Number	D ± .03	E ± .06	F ± .09
04	.25 (6.4)	.72 (18.3)	.87 (22.1)
05	.31 (7.9)	.75 (19.1)	.93 (23.6)
07	.44 (11.2)	.75 (19.1)	1.00 (25.4)
09	.56 (14.2)	.76 (19.3)	1.03 (26.2)
11	.68 (17.3)	.78 (19.8)	1.05 (26.7)
13	.81 (20.6)	.79 (20.1)	1.06 (26.9)
15	.94 (23.9)	.82 (20.8)	1.09 (27.7)
16	1.00 (25.4)	.86 (21.8)	1.13 (28.7)
17	1.16 (29.5)	.89 (22.6)	1.16 (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. Coupling nut supplied unplated.
3. See Table I in Intro for front-end dimensional details.