

447-325 Composite Standard Profile EMI/RFI Banding Backshell with Shrink Boot Porch and Self-Locking Rotatable Coupling

CONNECTOR DESIGNATOR:

A	MIL-DTL-5015, -26482 Series II, and -83723 Series I and III
F	MIL-DTL-38999 Series I, II
L	MIL-DTL-38999 Series 1.5 (JN1003)
H	MIL-DTL-38999 Series III and IV
G	MIL-DTL-28840
U	DG123 and DG123A

SELF-LOCKING

ROTATABLE COUPLING

STANDARD PROFILE

Angle and Profile

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

Finish Symbol

(See Table III)

Drain Hole Option

(Omit "D" if not required)

Product Series

447 - EMI/RFI Non-Environmental
Banding Backshells

Basic Part Number

Cable Entry

(See Table IV)

Shrink Boot Option

Shrink boot and o-ring
supplied
with *T* option
(Omit for none)

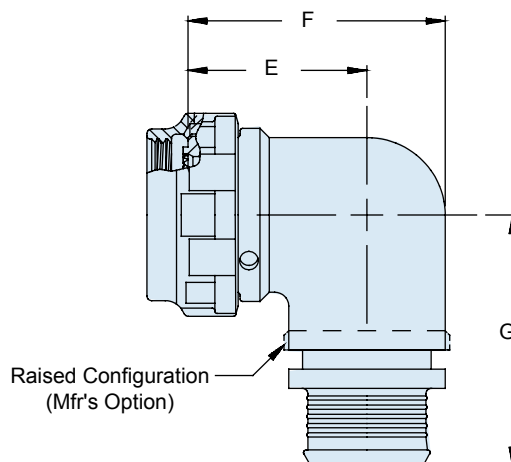
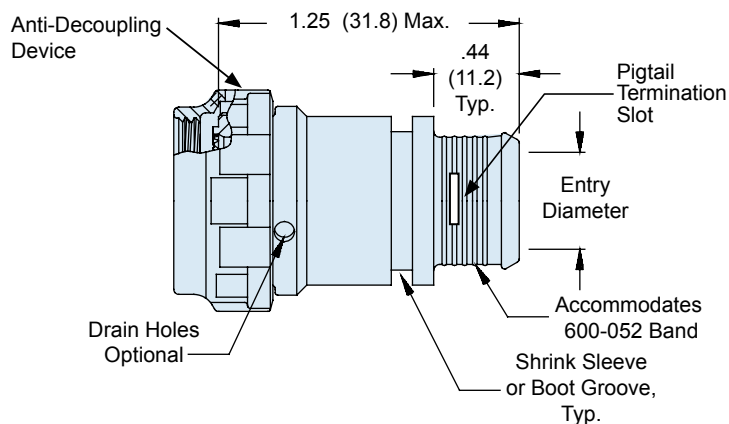
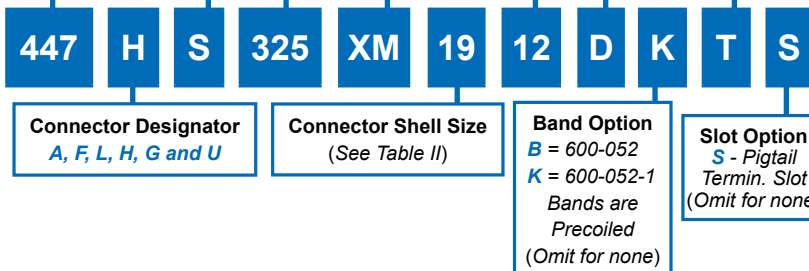


TABLE II: CONNECTOR SHELL SIZE (90°)

Shell Size For Connector Designator*					E		F		G		Max Entry Dash No. (Table IV)**
A	F/L	H	G	U	± .06	(1.5)	± .09	(2.3)	± .09	(2.3)	
08	08	09	—	—	.69	(17.5)	.88	(22.4)	1.19	(30.2)	04
10	10	11	—	08	.75	(19.1)	1.00	(25.4)	1.25	(31.8)	06
12	12	13	11	10	.81	(20.6)	1.13	(28.7)	1.31	(33.3)	08
14	14	15	13	12	.88	(22.4)	1.31	(33.3)	1.38	(35.1)	10
16	16	17	15	14	.94	(23.9)	1.38	(35.1)	1.44	(36.6)	12
18	18	19	17	16	.97	(24.6)	1.44	(36.6)	1.47	(37.3)	13
20	20	21	19	18	1.06	(26.9)	1.63	(41.4)	1.56	(39.6)	15
22	22	23	—	20	1.13	(28.7)	1.75	(44.5)	1.63	(41.4)	17
24	24	25	23	22	1.19	(30.2)	1.88	(47.8)	1.69	(42.9)	19
28	—	—	25	24	1.34	(34.0)	2.13	(54.1)	1.78	(45.2)	22

**Consult factory for additional entry sizes available.

447-325

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



Composite
Backshells

A

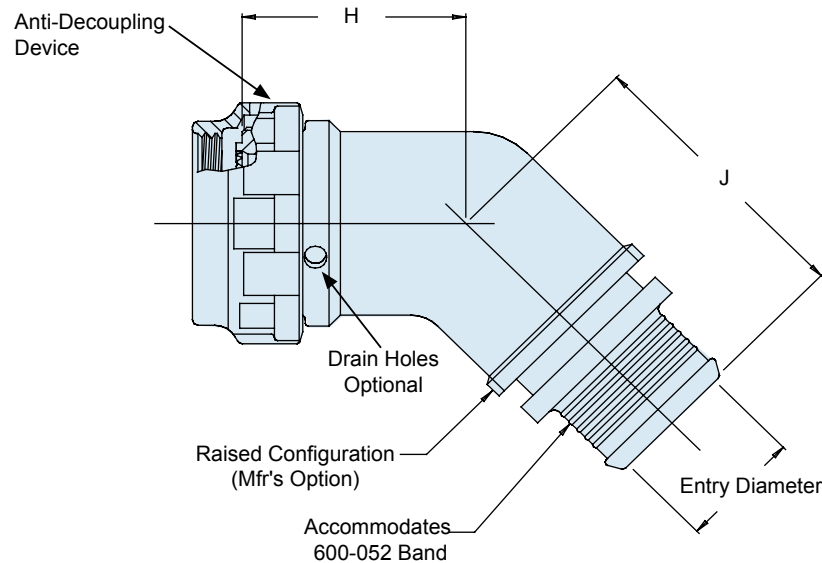


TABLE IV: CABLE ENTRY

Entry Code	Entry Dia. ±.03 (0.8)	Dash No.	Entry Dia. ±.03 (0.8)
03	.19 (4.8)	13	.81 (20.6)
04	.25 (6.4)	14	.88 (22.4)
05	.31 (7.9)	15	.94 (23.9)
06	.38 (9.7)	16	1.00 (25.4)
07	.44 (11.2)	17	1.06 (26.9)
08	.50 (12.7)	18	1.13 (28.7)
09	.56 (14.2)	19	1.19 (30.2)
10	.63 (16.0)	20	1.25 (31.8)
11	.69 (17.5)	22	1.38 (35.1)
12	.75 (19.1)		

TABLE III: FINISH

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

TABLE II: CONNECTOR SHELL SIZE (45°)

Shell Size For Connector Designator*					H		J		Max Entry Dash No.
A	F/L	H	G	U	± .06	(1.5)	± .09	(2.3)	(Table IV)
08	08	09	—	—	.72	(18.3)	1.00	(25.4)	04
10	10	11	—	08	.75	(19.1)	1.06	(26.9)	06
12	12	13	11	10	.75	(19.1)	1.13	(28.7)	08
14	14	15	13	12	.76	(19.3)	1.16	(29.5)	10
16	16	17	15	14	.78	(19.8)	1.18	(30.0)	12
18	18	19	17	16	.79	(20.1)	1.19	(30.2)	13
20	20	21	19	18	.82	(20.8)	1.22	(31.0)	15
22	22	23	—	20	.86	(21.8)	1.26	(32.0)	17
24	24	25	23	22	.89	(22.6)	1.29	(32.8)	19
28	—	—	25	24	.92	(23.4)	1.32	(33.5)	22

NOTES

- 770-001S**-0 shrink boot supplied with T option. See shrink boot product page for more details.
- O-Ring will not be supplied with Connector Designator A.
- Coupling nut supplied unplated.
- Consult factory for O-Ring to be supplied with part less shrink boot.
- Metric dimensions (mm) are in parenthesis and are for reference only.
- See Table I in Intro for front-end dimensional details.

Mouser Electronics

Authorized Distributor

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[447AS325XW1612](#) [447AS325XW1813](#) [447AS325XW2015](#) [447AS325XW2217](#) [447AS325XW2419](#)
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