

447-331

Composite EMI/RFI Dual-Banding Backshell with Self-Locking Rotatable Coupling

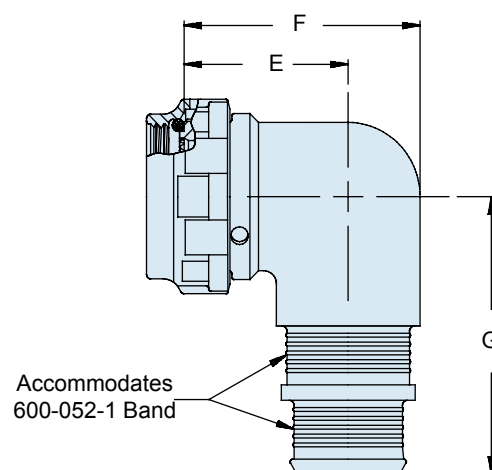
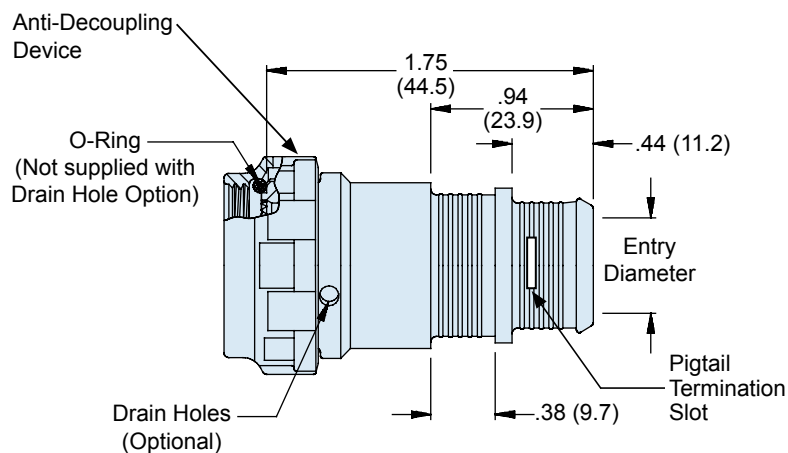
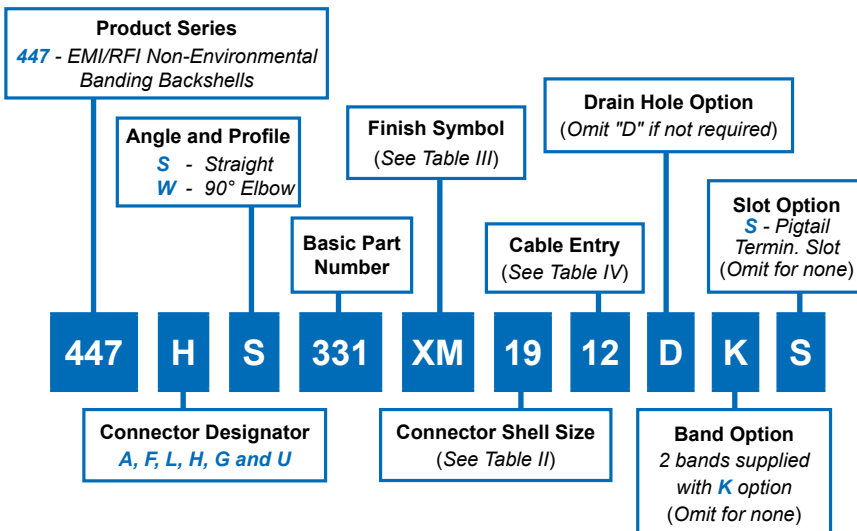
CONNECTOR DESIGNATOR:

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



NOTES

1. Metric dimensions (mm) are in parenthesis and are for reference only.
2. Coupling nut supplied unplated.
3. See Table I in Intro for front-end dimensional details.

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with Self-Locking Rotatable Coupling



Composite
Backshells

A

TABLE II: CONNECTOR SHELL SIZE

Shell Size For Connector Designator*					E		F		G		Max Entry
A	F/L	H	G	U	±.06	(1.5)	±.09	(2.3)	±.09	(2.3)	Dash No.**
08	08	09	—	—	.69	(17.5)	.88	(22.4)	1.69	(42.9)	04
10	10	11	—	08	.75	(19.1)	1.00	(25.4)	1.75	(44.5)	06
12	12	13	11	10	.81	(20.6)	1.13	(28.7)	1.81	(46.0)	08
14	14	15	13	12	.88	(22.4)	1.31	(33.3)	1.88	(47.8)	10
16	16	17	15	14	.94	(23.9)	1.38	(35.1)	1.94	(49.3)	12
18	18	19	17	16	.97	(24.6)	1.44	(36.6)	1.97	(50.0)	13
20	20	21	19	18	1.06	(26.9)	1.63	(41.4)	2.06	(52.3)	15
22	22	23	—	20	1.13	(28.7)	1.75	(44.5)	2.13	(54.1)	17
24	24	25	23	22	1.19	(30.2)	1.88	(47.8)	2.19	(55.6)	19
28	—	—	25	24	1.34	(34.0)	2.13	(54.1)	2.28	(57.9)	22

**Consult factory for additional entry sizes available.

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

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)		

Mouser Electronics

Authorized Distributor

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Glenair:

[447AS331XM1006B-186F](#) [447FS331XM1006B-186F](#) [447FS331XM1208B-186F](#) [447HS331XM1106B-186F](#)
[447HS331XM1308B-186F](#) [447HS331XM1510B-186F](#) [447HS331XM1707B](#) [447HS331XM1712B-186F](#)
[447HS331XM1913B-186F](#) [447HS331XM2115B-186F](#) [447HS331XM2519B-186F](#) [447HW331XM2518](#)
[447HS331XM0904B-186F](#) [447AS331XM1608B](#) [447FS331XM1005B](#) [447FS331XM1006B](#) [447AS331XM6119B-186F](#)
[447HW331XM0904B-186F](#) [447HW331XM1712B-186F](#) [447AS331XM1208B-186F](#)