

712-416 Composite Backshell with Helical Conduit Adapter for PEEK Only

SuperNine® MIL-DTL-38999 Type



Series 712-416 composite backshell, straight only, designed for PEEK convoluted tubing attachment without strain relief or fiber media axial alignment grommet. Conduit terminated with integral lamp thread type nut. Anti-decoupling device for improved vibration resistance. Optional drain hole for aerospace SWAMP-zone applications.

MATERIAL AND FINISH

- Adapter and Compression Nut: High-Grade Engineering Thermoplastic
- Coupling Nut: High Grade Engineering Thermoplastic/ Unplated
- O-Ring: Fluorosilicone or Silicone
- Anti-Rotation Device: Corrosion Resistant Material

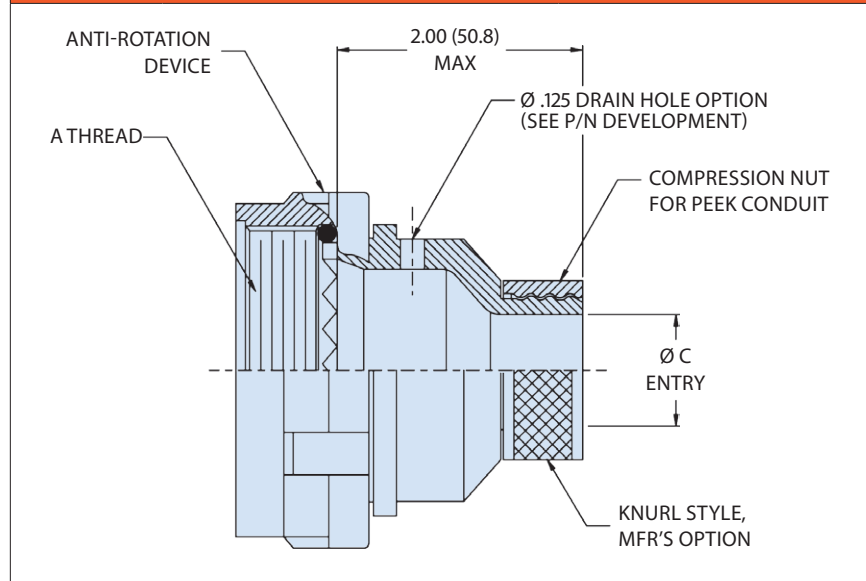
NOTES

- Glenair 600 Series Backshell Assembly Tools are recommended for assembly and installation.
- Unless otherwise specified, the Backshell Body to be supplied finished per Table I - all other components to be supplied without plating.

HOW TO ORDER

Sample Part Number	712-416 H S XO 17 16 D
Basic Number	D38999 Series III Type
Conn. Designator	H = MIL-DTL-38999 Series III and IV
Configuration	S
Material/Finish	See Material and Finish table
Shell Size	See Dimensions table
Conduit Size	See "PEEK" Conduit Size table
D = Drain Hole	(Omit for None)

DIMENSIONS

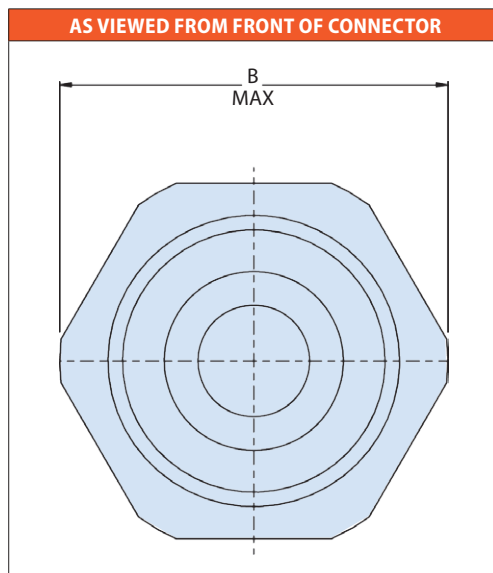


Shell Size	A Thread	B Max
11	M15 x 1 - 6H	.980 (24.0)
13	M18 x 1 - 6H	1.16 (28.4)
15	M22 x 1 - 6H	1.28 (32.5)
17	M25 x 1 - 6H	1.41 (35.8)
19	M28 x 1 - 6H	1.52 (38.6)
21	M31 x 1 - 6H	1.64 (41.7)
23	M34 x 1 - 6H	1.77 (43.4)
25	M37 x 1 - 6H	1.89 (48.0)

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MATERIAL AND FINISH		
Code	Material	Finish Description
XM	Composite	Electroless Nickel
XW		Cadmium Plate/Olive Drab over Electroless Nickel
XO		No Plating—Amber Color

Refer to Appendix for material/finish details



"PEEK" CONDUIT SIZE		
Dash No.	Fractional Size	Ø C Dim. Entry
06	3/16	.100 (2.5)
09	9/32	.171 (4.2)
10	5/16	.200 (5.8)
12	3/8	.265 (6.7)
14	7/16	.327 (8.3)
16	1/2	.390 (9.6)
20	5/8	.515 (12.6)
24	3/4	.640 (15.7)
28	7/8	.765 (18.7)
32	1	.890 (21.8)

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