Glenair®

712-416 • PEEK Only
Composite Straight Backshell Adapter
for MIL-DTL-38999 Series III and IV Fiber Optic Connectors
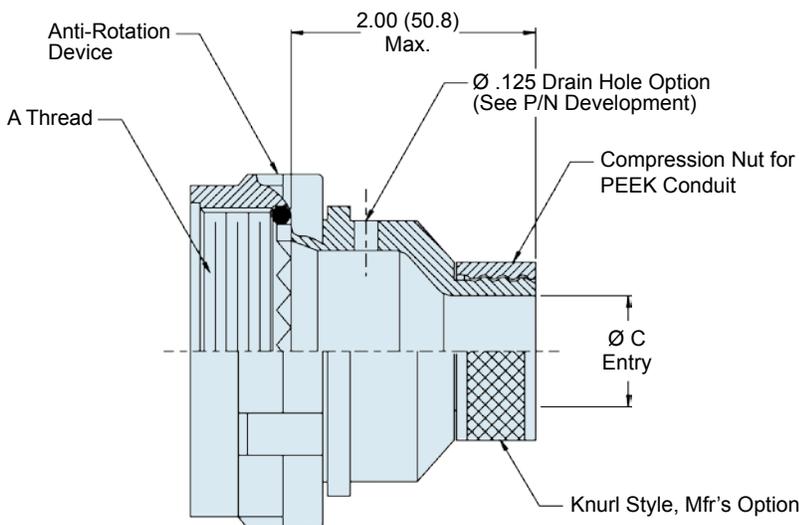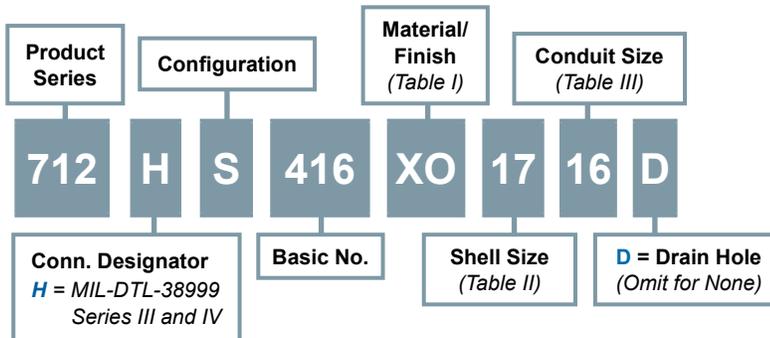
B

MIL-DTL-38999 Series III & IV backshell adapter

How To Order

Product Series	Configuration		Material/Finish *(Table I)*	Conduit Size *(Table III)*	
712	**H**	**S**	**416**	**XO**	**17**	**16**	**D**

Conn. Designator
H = MIL-DTL-38999 Series III and IV

Basic No.

Shell Size *(Table II)*

D = Drain Hole *(Omit for None)*

Anti-Rotation Device

A Thread

2.00 (50.8) Max.

Ø .125 Drain Hole Option (See P/N Development)

Compression Nut for PEEK Conduit

Ø C Entry

Knurl Style, Mfr's Option

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.

U.S. CAGE Code 06324

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for MIL-DTL-38999 Series III and IV Fiber Optic Connectors

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MIL-DTL-38999
Series III Type

B

Table III: 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

Table II		
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)

B
Max.
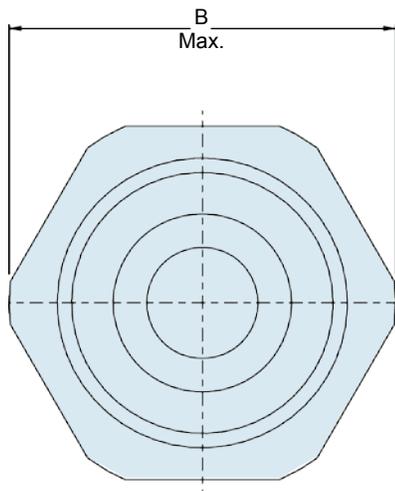
Table III: "Peek" Conduit Size		
Dash No.	**Fractional Size**	**Ø C Dim. Entry**
06	3/16	.100 (2.5)
09	9/32	.171 (4.2)
10	5/16	.200 (5.8)
12	3/8	.265 (6.7)
16	1/2	.390 (9.6)
20	5/8	.515 (12.6)
24	3/4	.640 (15.7)
28	7/8	.765 (18.7)
32	1	.890 (21.8)

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