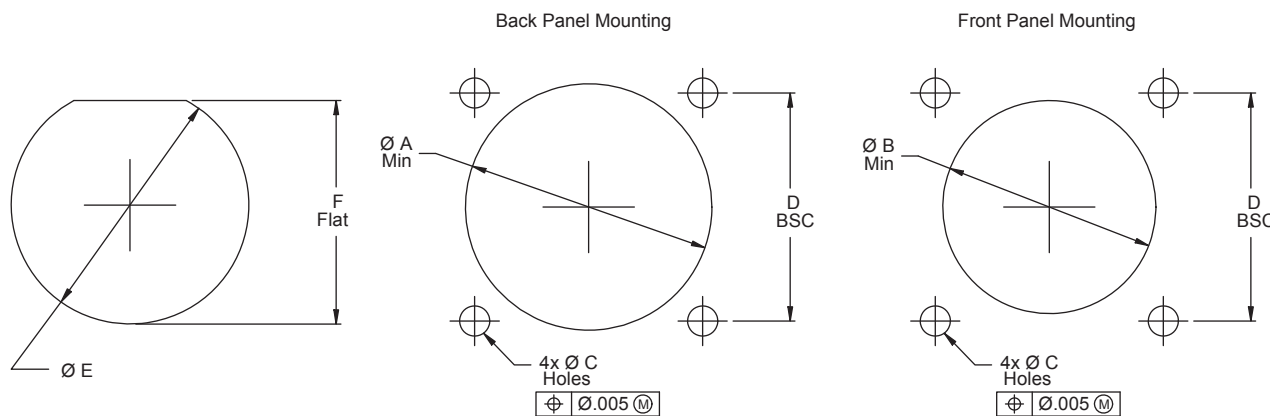


MIL-DTL-38999 Series III Type Filter Connector with Threaded Coupling



MIL-DTL-38999
Type

B



Square Flange Panel Cut-Outs MIL-DTL-38999 Series III				
Shell Size	Ø A Min Back Panel	Ø B Min Front Panel	Ø C Holes	D Bsc
9	.656 (16.7)	.516 (13.1)	.133 (3.4) .123 (3.1)	.719 (18.3)
11	.796 (20.2)	.625 (15.9)		.812 (20.6)
13	.922 (23.4)	.750 (19.1)		.906 (23.0)
15	1.047 (26.6)	.906 (23.0)		.969 (24.6)
17	1.219 (31.0)	1.016 (25.8)		1.062 (27.0)
19	1.297 (32.9)	1.141 (29.0)		1.156 (29.4)
21	1.422 (36.1)	1.266 (32.2)		1.250 (31.8)
23	1.547 (39.3)	1.375 (34.9)	.159 (4.0) .149 (3.8)	1.375 (34.9)
25	1.672 (42.5)	1.484 (37.7)	.155 (3.9) .145 (3.7)	1.500 (38.1)

Jam Nut Panel Cut-Out MIL-DTL-38999 Series III		
Shell Size	Ø E	F Flat
9	.710 (18.0)	.670 (17.0)
	.700 (17.8)	.660 (16.8)
11	.835 (21.2)	.771 (19.6)
	.825 (21.0)	.761 (19.3)
13	1.020 (25.9)	.955 (24.3)
	1.010 (25.7)	.945 (24.0)
15	1.145 (29.1)	1.085 (27.6)
	1.135 (28.8)	1.075 (27.3)
17	1.270 (32.3)	1.210 (30.7)
	1.260 (32.0)	1.200 (30.5)
19	1.395 (35.4)	1.335 (33.9)
	1.385 (35.2)	1.325 (33.7)
21	1.520 (38.6)	1.460 (37.1)
	1.510 (38.4)	1.450 (36.8)
23	1.645 (41.8)	1.585 (40.3)
	1.635 (41.5)	1.575 (40.0)
25	1.770 (45.0)	1.710 (43.4)
	1.760 (44.7)	1.700 (43.2)

Notes

- Materials/Finishes: Shells, Barrel, Coupling Nut, Jam Nut - See Table I
Insulators - High grade rigid dielectric/N.A.
Seals - Fluorosilicone
Contacts: Copper alloy 50µ" Gold over 50µ" Nickel
- Assembly to be identified with Glenair's name, part number, and date code - space permitting.
- Insert Arrangement in accordance with MIL-STD-1560. (Arrangement shown for reference only)
- EMI Circular Filter Receptacle connectors designed to meet requirements of MIL-STD-2120 and MIL-DTL-38999, Series III.
- All contacts to have identical filter value. Other filter arrangements available, contact factory.
- Electrical Ratings: DWV- 500 VDC; Standard Operating Voltage 200 VDC (Filter class X, Y and Z are 250 VDC)
- Insulation Resistance: 5000 MegOhms at 200 VDC for classes A, B, C, D, E, F, G, J. 1000 MegOhms at 83 VDC for classes X, Y, Z
- Operating Temperature: -55°C to +125°C (Env Class Connectors)
- Other filter styles (C-L, L-C, Unbalanced Pi, Multi-Stage, Multi-Value) are available, please consult the factory.

Dimensions in inches (millimeters) and are subject to change without notice.

© 2013 Glenair, Inc.

U.S. CAGE Code 06324

Printed in U.S.A.

GLENAIR, INC. • 1211 AIR WAY • GLENDALE, CA 91201-2497 • 818-247-6000 • FAX 818-500-9912
www.glenair.com **B-27** E-Mail: sales@glenair.com

Rev. 10.22.21