

SERIES 803 BAYONET-LOCK Mighty Mouse Connectors and Cables Bulkhead Feed-Thru Connectors



Series 803 Bulkhead Feed-Thru Connectors provides a separable connection on both sides of a mounting panel. Features quarter turn bayonet coupling. Jam-nut, rear panel mount or elliptical flange, front or rear panel mount shell styles. Non removable, gold plated contacts available in pin-pin, pin-socket, and socket-socket configurations. Shell available in aluminum or stainless steel.

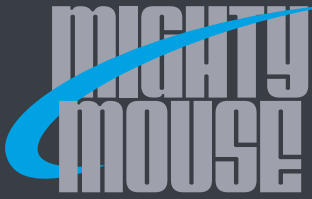
How To Order							
Sample Part Number	803-010	-07	M	6-7	P	P	N
Series	803-010 = Bulkhead Feed-thru						
Shell Style (See Table I)	-02 = Flange Mount -07 = Jam-Nut						
Shell Material and Finish	C = Aluminum / Black Anodize (Non-Conductive) M = Aluminum / Electroless Nickel MT = Aluminum / Nickel-PTFE NF = Aluminum / Cadmium with Olive Drab Chromate ZNU = Aluminum / Zinc-Nickel with Black Chromate Z1 = Stainless Steel / Passivated						
Shell Size - Insert Arrangement	See Contact Arrangements Page G-4						
Contact Type, Jam-Nut Side	P = Pin S = Socket						
Contact Type, Opposite Side	P = Pin S = Socket						
Polarization (See Table II)	N = Normal X = Pos. X Y = Pos. y Z = Pos. Z						

Table I: Shell Style	
-02 Flange Mount	-07 Jam-Nut

Table II: Keyway Polarization		
Pos.	A°	B°
N	150°	210°
X	75°	210°
Y	95°	230°
Z	140°	275°

NOTES

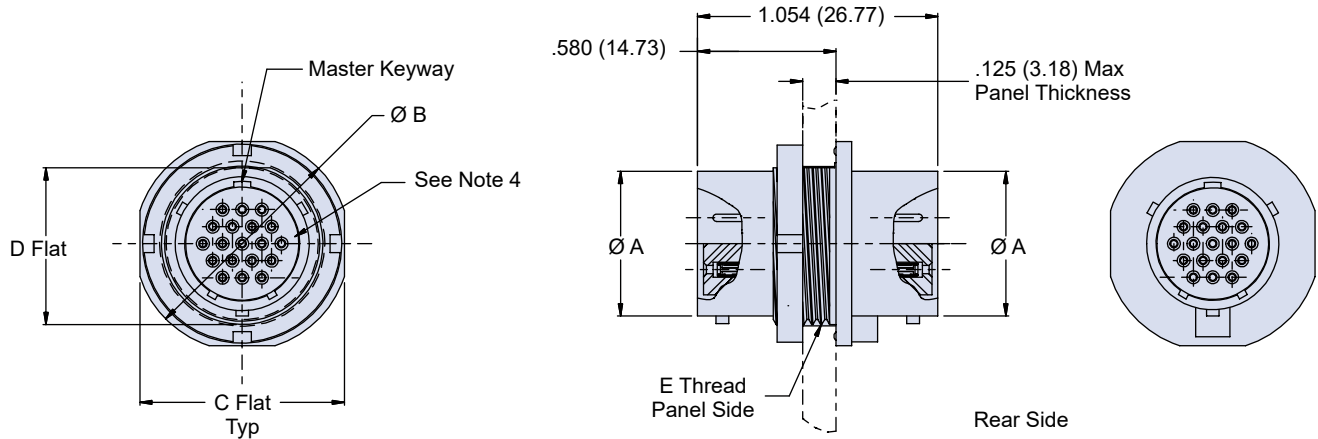
- For additional insert arrangements consult factory
- Contacts are nonremovable
- Connector mates with all bayonet plug connectors with same polarization and opposite contact gender
- See page G-7 for recommended panel cut-out dimensions
- Material and Finish
 - Shell, jam-nut: aluminum alloy or CRES / see how to order table
 - Insulator: High Grade Rigid Dielectric
 - Interfacial seals: fluorosilicone/N.A.
 - Contact: copper alloy / gold plate per ASTM B 488, Type II, Code C, Class 1.25, over a suitable underplate



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JAM-NUT REAR PANEL MOUNT FEED-THRU - SHELL STYLE 07



FLANGE MOUNT FRONT OR REAR PANEL MOUNT FEED-THRU - SHELL STYLE 02

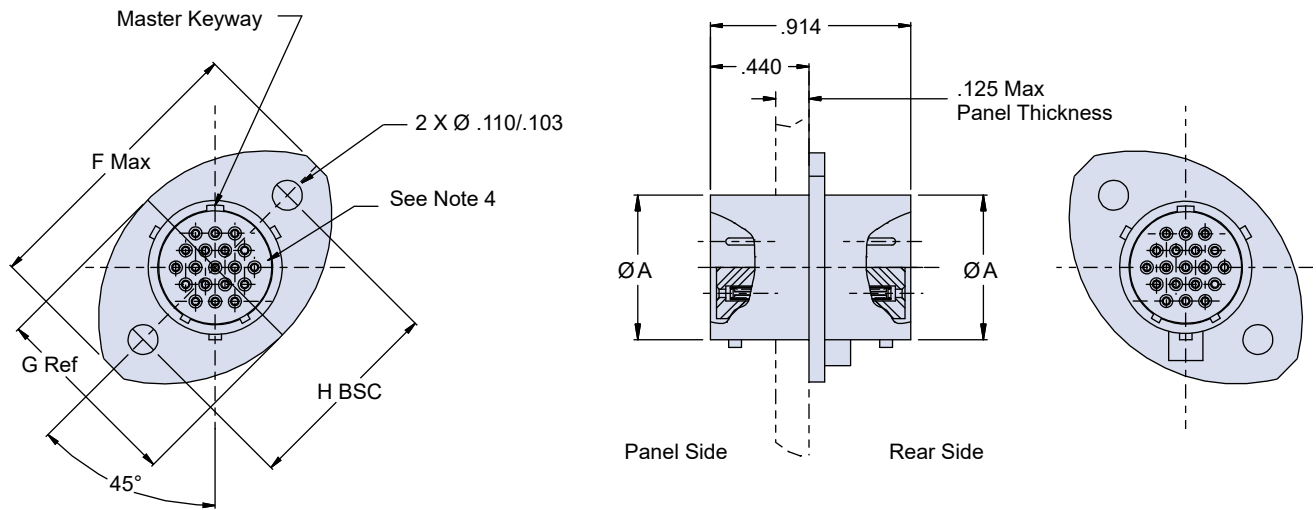


Table I: Dimensions											
Shell Size	Ø A	Ø B	C Flat	D Flat	E Thread	F Max	G Ref	H Bsc	J Flat +.004 (.010) -.000 (0.25)	Ø K ±.005 (.02)	
5	0.300 (7.62)	0.575 (14.60)	0.545 (13.84)	0.350 (8.89)	.3750-32 UNEF-2A	0.703 (17.86)	0.460 (11.68)	0.513 (13.03)	0.353 (8.97)	0.382 (9.70)	
6	0.362 (9.19)	0.635 (16.13)	0.595 (15.11)	0.410 (10.41)	.4375-28 UNEF-2A	0.788 (20.02)	0.522 (13.26)	0.598 (15.19)	0.413 (10.49)	0.445 (11.30)	
7	0.436 (11.07)	0.755 (19.18)	0.723 (18.36)	0.536 (13.61)	.5625-32 UN-2A	0.890 (22.61)	0.590 (14.99)	0.708 (17.98)	0.539 (13.69)	0.572 (14.53)	
8	0.508 (12.90)	0.755 (19.18)	0.723 (18.36)	0.534 (13.56)	.5625-32 UN-2A	1.154 (29.31)	0.668 (16.97)	0.964 (24.49)	0.539 (13.69)	0.583 (14.81)	
9	0.561 (14.25)	0.830 (21.08)	0.790 (20.07)	0.596 (15.14)	.6250-28 UN-2A	1.207 (30.66)	0.721 (18.31)	1.017 (25.83)	0.599 (15.21)	0.643 (16.33)	
10	0.635 (16.13)	0.890 (22.61)	0.855 (21.72)	0.663 (16.84)	.6875-28 UN-2A	1.291 (32.79)	0.795 (20.19)	1.101 (27.97)	0.669 (16.99)	0.720 (18.29)	
12	0.714 (18.14)	1.078 (27.38)	1.044 (26.52)	0.845 (21.46)	.875-28 UN-2A	1.394 (35.41)	0.874 (22.20)	1.204 (30.58)	0.848 (21.54)	0.885 (22.48)	
14	0.865 (21.97)	1.264 (32.11)	1.230 (31.24)	1.022 (25.96)	1.0625-20 UN-2A	1.545 (39.24)	1.050 (26.67)	1.280 (32.51)	1.029 (26.14)	1.072 (27.23)	
15	0.925 (23.50)	1.325 (33.65)	1.290 (32.77)	1.096 (27.84)	1.125-28 UN-2A	1.630 (41.40)	1.150 (29.21)	1.370 (34.80)	1.099 (27.91)	1.135 (28.83)	

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