Mighty Mouse Connectors and Cables

Jam-Nut Mount Bulkhead Feed–Thru Connector

Series 804 Bulkhead Feed–Thru Receptacle

This series 804 design provides a separable connection on both sides of the mounting panel. Jam-nut receptacle features three contact options: pin/socket (preferred version), pin/pin, or socket/socket. Contacts are factory installed and are not removable. Available in aluminum or stainless steel. Gold–plated copper alloy contacts and ground spring, high-grade rigid dielectric insulator, fluorosilicone seals. Note: use caution when specifying pin/pin or socket/socket versions. the arrangement pattern is mirrored about the vertical axis.

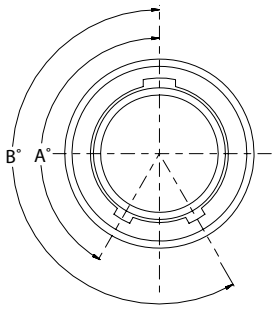
How To Order

Sample Part Number	804-067	-07	M	6-7	P	P	A
Series	**804-067** = Bulkhead Feed–Thru Receptacle						
Shell Style	**-07** = Jam-Nut, Rear Panel Mount						
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 **ZN** = Aluminum / Zinc-Nickel with Olive Drab Chromate **ZNU** = Aluminum / Zinc-Nickel with Black Chromate **Z1** = Stainless Steel / Passivated						
Shell Size - Insert Arrangement	Available in Shell Sizes 5 thru 14. See Contact Arrangements Page H-6						
Contact Type Jam-Nut Side	**P** = Pin **S** = Socket Coax contacts are not unavailable.						
Contact Type Other Side	**P** = Pin **S** = Socket						
Polarization (See Table I)	**A** = Normal **B** = Pos. B **C** = Pos. C **D** = Pos. D **E** = Pos. E **F** = Pos. F						

NOTES

1. Contacts are non removable
2. Receptacle connector mates with all push/pull high density plug connectors with same polarization and opposite contact gender
3. Connectors with Pin-Pin and Socket-Socket contact styles will cause the arrangement pattern to be mirrored about the vertical centerline
4. See page H-9 for recommended panel cut-outs

Table I: Keyway Positions



Key Position	Key Rotation A°	Key Rotation B°
A	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	95°	210°

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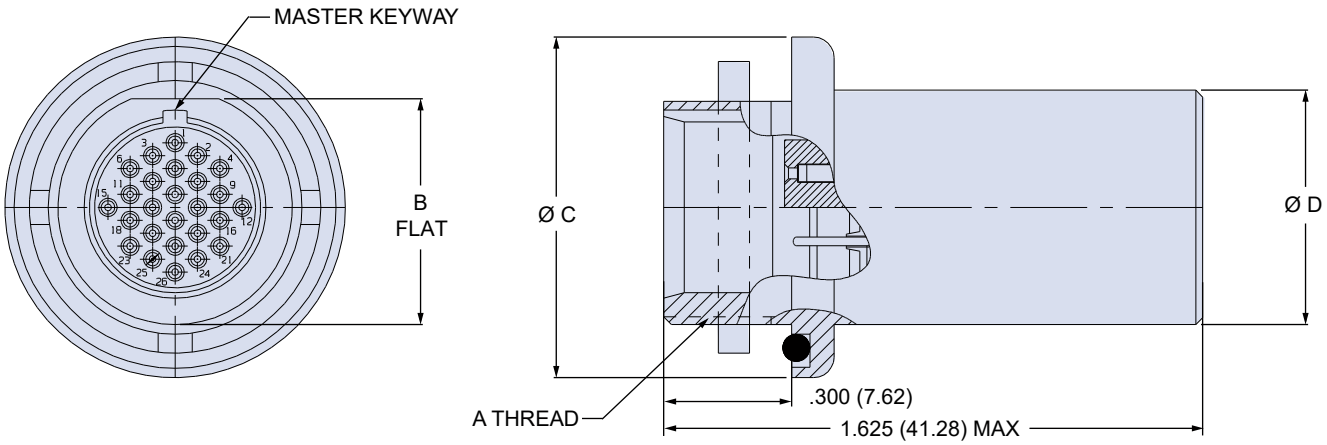
Dimensions in inches (millimeters) are subject to change without notice

JAM-NUT, REAR PANEL MOUNT BULKHEAD FEED-THRU - STYLE 07



Dimensions				
Shell Size	A Thread	B Flat	Ø C	Ø D
5	.4375-32 UN-2A	.415 (10.54)	.730 (18.54)	.450 (11.43)
6	.5000-32 UN-2A	.467 (11.86)	.730 (18.54)	.480 (12.19)
7	.6250-28 UN-2A	.580 (14.73)	.900 (22.86)	.580 (14.73)
8	.6250-28 UN-2A	.580 (14.73)	.945 (24.00)	.603 (15.32)
9	.6875-28 UN-2A	.655 (16.64)	1.000 (25.40)	.695 (17.65)
10	.7500-28 UN-2A	.721 (18.31)	1.075 (27.30)	.735 (18.67)
11	.8750-28 UN-2A	.790 (20.07)	1.140 (28.96)	.810 (20.57)
12	8125-28 UN-2A	.843 (21.41)	1.190 (30.23)	.880 (22.35)
14	8750-28 UN-2A	.968 (24.59)	1.312 (33.32)	1.010 (25.65)

Material and Finish

- Shell, jam-nut: aluminum alloy or CRES / see how to order table
- Insulator: LCP / N.A.
- Interfacial seal, O-ring: fluorosilicone / N.A.
- Contact: copper alloy / gold plate per ASTM B 488, Type II, Code C, Class 1.25, over suitable underplate

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