

SERIES 804 QDC PUSH-PULL

Mighty Mouse Connectors and Cables



Jam-Nut Mount Bulkhead Feed-Thru Connector



Series 804 Bulkhead Feed-Thru Receptacle

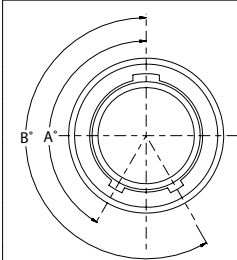
This series 804 design provides a separable connection on both sides of the mounting panel. Jam-nut receptacle features three contact options: pin/socket (preferred version), pin/pin, or socket/socket. Contacts are factory installed and are not removable. Available in aluminum or stainless steel. Gold-plated 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.

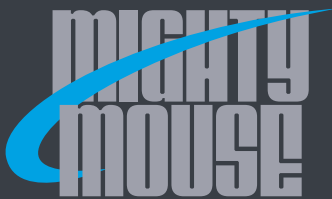
NOTES

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

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	See Contact Arrangements pages M-8 thru M-32						
Contact Type Jam-Nut Side	P = Pin S = Socket Coax contacts are not available.						
Contact Type Other Side	P = Pin S = Socket						
Polarization (See Table I)	A = Normal D = Pos. D	B = Pos. B E = Pos. E	C = Pos. C F = Pos. F				

Table I: Keyway Positions			
Key Position	Key Rotation		
	A°	B°	
A	150°	210°	
B	75°	210°	
C	95°	230°	
D	140°	275°	
E	75°	275°	
F	95°	210°	





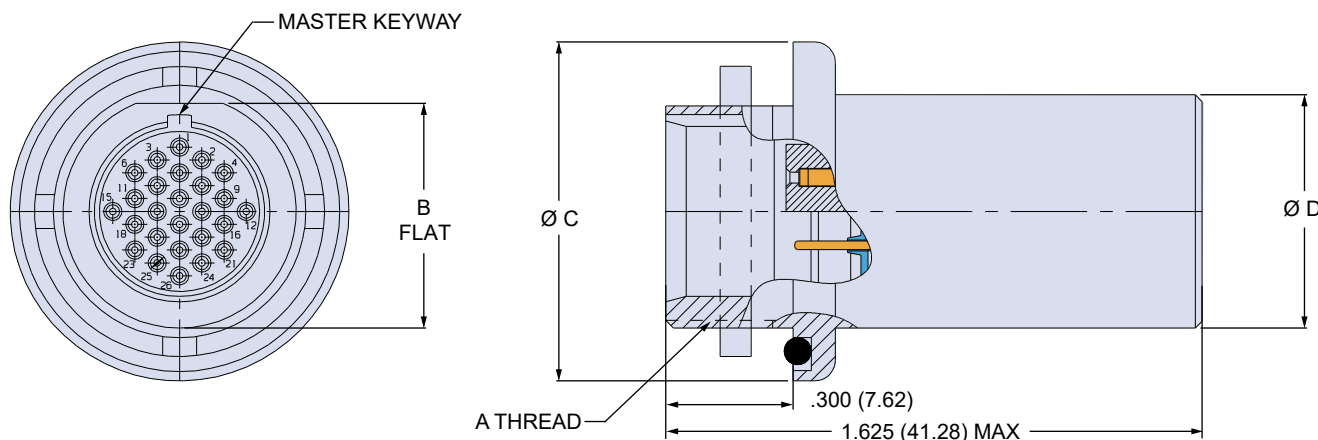
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JAM-NUT, REAR PANEL MOUNT BULKHEAD FEED-THRU - STYLE 07



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)

Jam-Nut Panel Cutout		
Shell Size	H Flat	Ø J
5	.425 (10.80) .421 (10.69)	.448 (11.38)
6	.477 (12.12) .473 (12.01)	.510 (12.95)
7	.590 (14.99) .586 (14.88)	.635 (16.13)
8	.590 (14.99) .586 (14.88)	.635 (16.13)
9	.665 (16.89) .661 (16.79)	.698 (17.73)
10	.731 (18.57) .727 (18.47)	.7460 (18.95)
11	.800 (20.32) .796 (20.22)	.823 (20.90)
12	.853 (21.67) .849 (21.56)	.885 (22.48)
14	.978 (24.84) .974 (24.74)	1.010 (25.65)
15	1.040 (26.42) 1.036 (26.31)	1.073 (27.25)

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