

# SERIES 800 UN THREAD MATING Mighty Mouse Connectors and Cables



## Jam-Nut Mount, Bulkhead Feed-Thru Connector

**Series 800 Bulkhead Feed-Thru Connector** provides a separable connection on both sides of a mounting panel. Features pin-pin, socket-socket, or pin-socket contact styles. Available in seven shell sizes with copper alloy / gold-plated contacts. Connector shell is available in aluminum alloy or stainless steel. Six standard finishes available. Contacts are factory-installed, and are non removable. Liquid crystal polymer insulator. Mates with all series 800 plug connectors with same polarization and opposite contact gender (800-006, 800-007, 800-008, and 800-009).

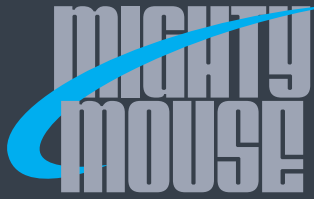
How To Order	
<b>Sample Part Number</b>	<b>800-060 -07 M 6-7 P S N</b>
<b>Series</b>	<b>800-060</b> = Feed-Through Jam-Nut Mount Feedthru
<b>Shell Style</b>	<b>07</b> = Jam-Nut
<b>Shell Material and Finish</b>	<b>C</b> = Aluminum / Black Anodize (Non-Conductive) <b>M</b> = Aluminum / Electroless Nickel <b>NF</b> = Aluminum / Cadmium with Olive Drab Chromate <b>ZNU</b> = Aluminum / Zinc-Nickel with Black Chromate <b>MT</b> = Aluminum / Nickel-PTFE <b>Z1</b> = Stainless Steel / Passivated
<b>Shell Size - Insert Arrangement</b>	See Contact Arrangements page D-4
<b>Contact Type* Jam-Nut Side</b>	<b>P</b> = Pin <b>S</b> = Socket
<b>Contact Type* Other Side</b>	<b>P</b> = Pin <b>S</b> = Socket
<b>Shell Key Position (See Table I)</b>	<b>N</b> = Normal <b>X</b> = Pos. X <b>Y</b> = Pos. Y <b>Z</b> = Pos. Z

\* Connectors with PP and SS contact styles will cause the arrangement pattern to be mirrored about the vertical centerline.

Table I: Keyway Position			
Key Position	Key Rotation	Shell Size 5 and 6 Key Positions	Shell Size 7 thru 12 Key Positions
<b>N</b> Normal	150°		
<b>X</b>	140°		
<b>Y</b>	130°		
<b>Z</b>	120°		
Shell size 5 and 6: master key is located at top dead center for normal (N) position.  Shell size 7 thru 12: master key is rotated 90° from TDC for normal position.			

### NOTES

- See page D-7 for panel cut-out dimensions
- Receptacle connector mates with all high density plug connectors with same polarization and opposite contact gender
- Connectors with PP and SS contact styles will cause the arrangement pattern to be mirrored about the vertical centerline
- Material / finish:
  - Shell, jam-nut: aluminum alloy or CRES / see How to Order Table
  - Insulator: High Grade Rigid Dielectric / N.A.
- Interfacial seal, O-ring, peripheral seal: fluorosilicone
- Contacts: copper alloy / gold plate per ASTM B 488, Typell, Code C, Class 1.25, over a suitable underplate

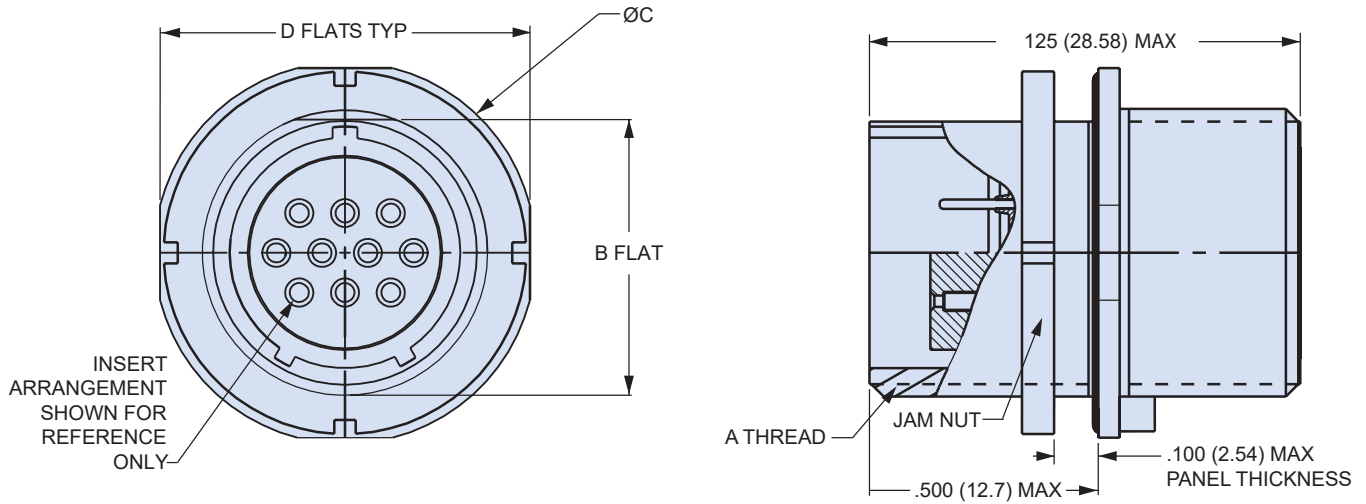


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JAM-NUT, REAR PANEL MOUNT RECEPTACLE - SHELL STYLE 07



Dimensions				
Shell Size	A Thread	B Flat	Ø C	D Flat
5	.3125-28 UN-2A	.289 (7.34)	.538 (13.67)	.497 (12.62)
6	.3750-28 UN-2A	.352 (8.94)	.602 (15.29)	.559 (14.20)
7	.4375-28 UNEF-2A	.418 (10.62)	.664 (16.87)	.643 (16.33)
8	.5000-32 UN-2A	.473 (12.01)	.770 (19.56)	.731 (18.57)
9	.5625-32 UN-2A	.530 (13.46)	.872 (22.15)	.803 (20.40)
10	.6250-32 UN-2A	.604 (15.34)	.976 (24.79)	.940 (23.88)
12	.7500-28 UN-2A	.712 (18.08)	1.062 (26.97)	.986 (25.04)

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