



Series 800 Mighty Mouse, UN Mating Thread Jam-Nut Mount, Bulkhead Feed-Thru Connector

800-060 Ordering Information

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 from 5 to 12 with copper alloy / gold-plated contacts. Connector shell is available in aluminum alloy or stainless steel. Six standard finishes available (see below). 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

Sample Part Number	800-060	-07	M	6-7	P	S	N
Series	800-060 = Feed-Through Jam-Nut Mount Feedthru						
Shell Style	07 = Jam-Nut						
Shell Material and Finish	C = Aluminum / Black Anodize (Non-Conductive) M = Aluminum / Electroless Nickel NF = Aluminum / Cadmium with Olive Drab Chromate ZNU = Aluminum / Zinc-Nickel with Black Chromate MT = Aluminum / Nickel-PTFE Z1 = Stainless Steel / Passivated						
Shell Size - Insert Arrangement	See Page C-2 for Contact Arrangements						
Contact Type* Jam-Nut Side	P = Pin S = Socket						
Contact Type* Other Side	P = Pin S = Socket						
Shell Key Position (See Table I)	N = Normal X = Pos. X Y = Pos. Y Z = 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
N Normal	150°		
X	140°		
Y	130°		
Z	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

1. Receptacle connector mates with all high density plug connectors with same polarization and opposite contact gender
2. 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: LCP / N.A.
- Interfacial seal, O-ring, peripheral seal: fluorosilicone
- Contacts: copper alloy / gold plate per ASTM B 488, Type II, Code C, Class 1.25, over a suitable underplate

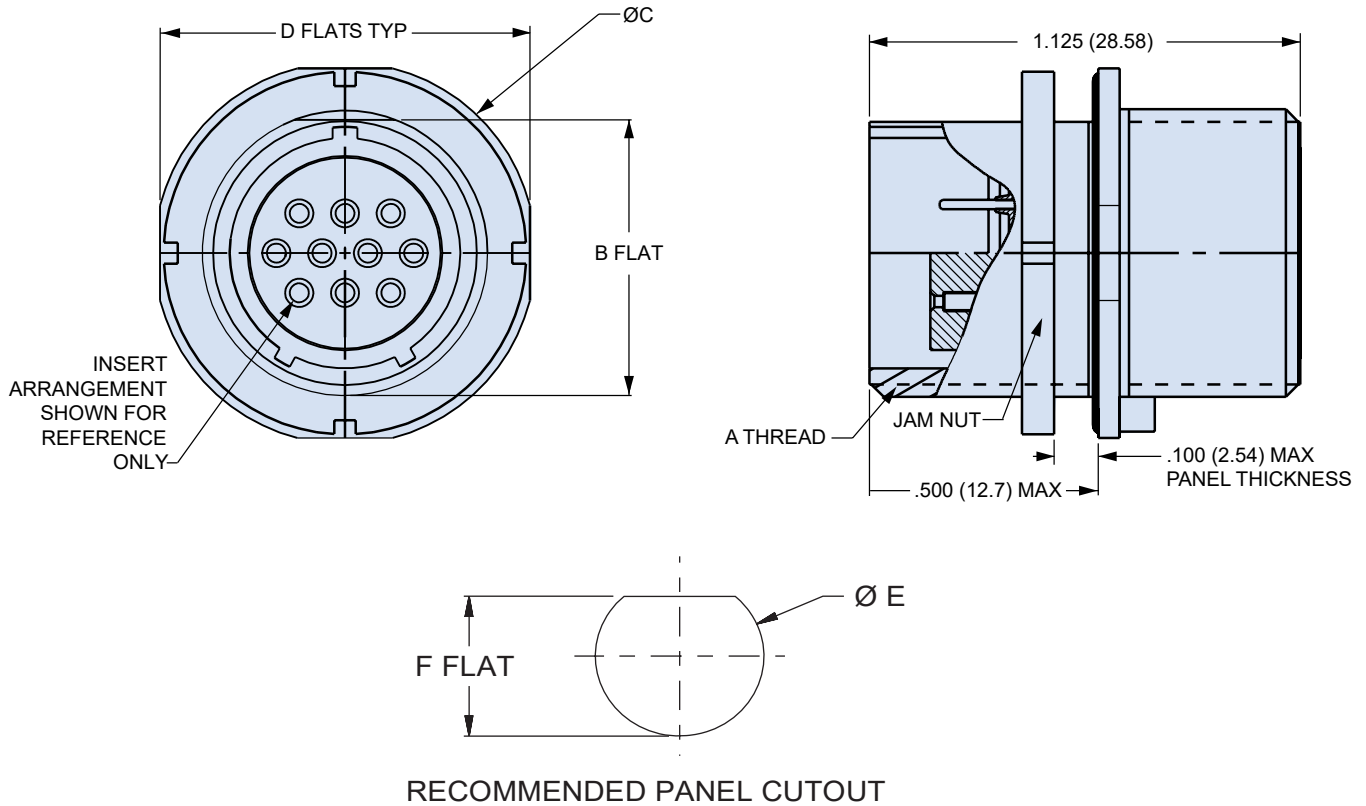
Dimensions in Inches (millimeters) are subject to change without notice.

Series 800 Mighty Mouse, UN Mating Thread
Jam-Nut Mount, Bulkhead Feed-Thru Connector
800-060 Dimensions



Series 800

Jam-nut, rear panel mount receptacle - shell style 07



Shell Size	Dimensions				Panel Cutout Dimensions	
	A Thread	B Flat	Ø C	D Flat	Ø E ±.002 (.05)	F Flat
5	.3125-28 UN-2A	.289 (7.34)	.538 (13.67)	.497 (12.62)	.322 (8.18) .317 (8.05)	.299 (7.59) .295 (7.49)
6	.3750-28 UN-2A	.352 (8.94)	.602 (15.29)	.559 (14.20)	.385 (9.78) .380 (9.65)	.362 (9.19) .358 (9.09)
7	.4375-28 UNEF-2A	.418 (10.62)	.664 (16.87)	.643 (16.33)	.443 (11.25)	.428 (10.87) .424 (10.77)
8	.5000-32 UN-2A	.473 (12.01)	.770 (19.56)	.731 (18.57)	.505 (12.83)	.483 (12.27) .479 (12.17)
9	.5625-32 UN-2A	.530 (13.46)	.872 (22.15)	.803 (20.40)	.567 (14.40)	.540 (13.72) .536 (13.61)
10	.6250-32 UN-2A	.604 (15.34)	.976 (24.79)	.940 (23.88)	.630 (16.00)	.614 (15.60) .610 (15.49)
12	.7500-28 UN-2A	.712 (18.08)	1.062 (26.97)	.986 (25.04)	.755 (19.18)	.722 (18.34) .718 (18.24)

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

Mouser Electronics

Authorized Distributor

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