

Series 801 Mighty Mouse Double-Start ACME Thread Bulkhead Feed-Thru Connector

801-074 Ordering Information



Series 801



Series 801 Bulkhead Feed-Thru Receptacle provides a separable hermetic connection on both sides of a mounting panel. Available in shell sizes 5 to 21 and mates with all high density plug connectors with the same polarization and opposite contact genders. Copper alloy gold-plated contacts, pin to pin, pin to socket or socket to socket. Your choice of standard aluminum alloy or stainless steel and seven standard finishes (see below). Please contact the factory for other materials and finishes.

How To Order	
Sample Part Number	801-074 -07 M 6-7 P P A
Series	801-074 = Feed-Thru Receptacle
Shell Style	-07 = Jam-Nut
Material and Finish	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 D-3
Contact Type Jam-Nut Side	P = Pin S = Socket Connectors with PP and SS contact styles will cause the arrangement pattern to be mirrored about the vertical centerline
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.

Table I: Keyway Positions

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

NOTES

1. Receptacle connector mates with all quick coupling 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
- Contact: copper alloy / gold plate per ASTM B 488, type II, code C
- Insulators: liquid crystal polymer / N.A.
- Interfacial seal, O-ring, peripheral seal: Fluorosilicone / N.A.
- Class 1.25 (.000050 minimum thickness), over a suitable underplate

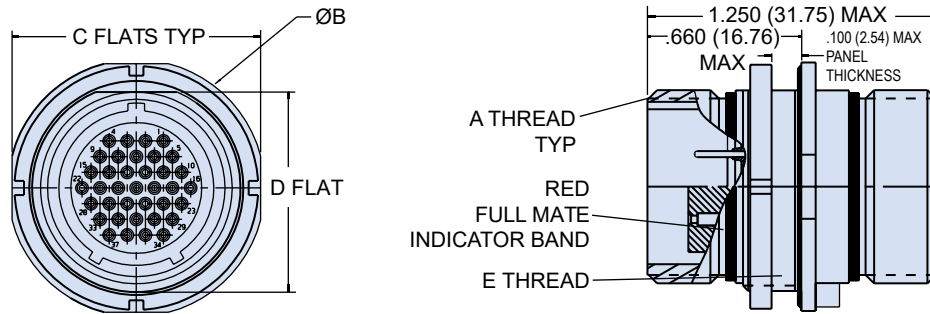
Dimensions in Inches (millimeters) are subject to change without notice.

D

Series 801 Mighty Mouse Double-Start ACME Thread Bulkhead Feed-Thru Connector

801-074 Dimensions

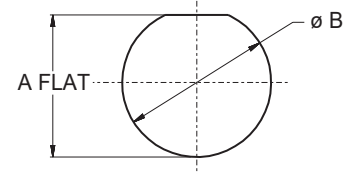
Jam-nut mount receptacle - shell style 07



Dimensions

Shell Size	A Thread	E Thread	Ø B	C Flat	D Flat
5	.3125-.05P-.1L-2A	.3750-28 UN-2A	.575 (14.60)	.545 (13.84)	.350 (8.89)
6	.3750-.05P-.1L-2A	.4375-28 UNEF-2A	.635 (16.13)	.595 (15.11)	.410 (10.41)
7	.4375-.05P-.1L-2A	.5625-32 UN-2A	.755 (19.18)	.723 (18.36)	.536 (13.61)
8	.5000-.05P-.1L-2A	.5625-32 UN-2A	.755 (19.18)	.723 (18.36)	.536 (13.61)
9	.5625-.05P-.1L-2A	.6250-28 UN-2A	.830 (21.08)	.790 (20.07)	.596 (15.14)
10	.6250-.05P-.1L-2A	.6875-28 UN-2A	.890 (22.61)	.855 (21.72)	.658 (16.71)
11	.6875-.05P-.1L-2A	.7500-28 UN-2A	.960 (24.38)	.925 (23.50)	.718 (18.24)
13	.8125-.1P-.1L-2A	.8750-28 UN-2A	1.078 (27.38)	1.044 (26.52)	.845 (21.46)
16	1.0000-.1P-.1L-2A	1.0625-20 UN-2A	1.264 (32.11)	1.230 (31.24)	1.022 (25.96)
17	1.0625-.1P-.1L-2A	1.1250-28 UN-2A	1.325 (33.65)	1.290 (32.77)	1.096 (27.84)
19	1.0625-.1P-.1L-2A	1.2500-28 UN-2A	1.450 (36.83)	1.415 (35.94)	1.227 (31.17)
21	1.3125-.1P-.1L-2A	1.3750-28 UN-2A	1.625 (41.28)	1.577 (40.06)	1.347 (34.21)

Series 801 Jam-Nut Panel Cutout



Shell Size	A Flat ± .002 (.05)	Ø B +.005 (.13) -.000 (.00)
5	.356 (9.04)	.380 (9.65)
6	.416 (10.57)	.443 (11.25)
7	.542 (13.77)	.567 (14.40)
8	.542 (13.77)	.567 (14.40)
9	.602 (15.29)	.630 (16.00)
10	.664 (16.87)	.693 (17.60)
11	.726 (18.44)	.755 (19.18)
13	.851 (21.62)	.880 (22.35)
16	1.028 (26.11)	1.067 (27.10)
17	1.102 (27.99)	1.130 (28.70)
19	1.233 (31.32)	1.255 (31.88)
21	1.352 (34.34)	1.380 (35.05)

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