



Series 801 Mighty Mouse Double-Start ACME Threads
Jam Nut Mount • Heli-Coil Inserts • Fixed Contacts
 Shell Sizes 5-21 • Ordering Information
 801-075



Series 801 Jam Nut

This Series 801 Backpotted Receptacle features a choice of 304L stainless steel or aluminum alloy shells, fused vitreous glass insulators and gold plated copper alloy non-removable contacts.

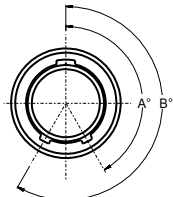
Popular Jam Nut Mount Style Mates with all quick coupling high density plug connectors with the same

polarization and opposite contact gender (801-001, 801-002, 801-007 and 801-008).

Pin/PC Tail, Socket/PC Tail, Pin/Solder Cup or Socket/Solder Cup Contacts for attachment to flexible or rigid circuits or rigid boards.

HOW TO ORDER

Sample Part Number

801-075	-07	Z1	7-10	P	A																					
Series	Shell Style	Shell Material / Finish	Shell Size/Insert Arrangement	Contact Type	Shell Key Position																					
801-075 Receptacle with Printed Circuit Board Contacts or Solder Cup Contacts	-07 Jam Nut	C Aluminum / Black Anodize (Non-Conductive) RoHS Compliant M Aluminum / Electroless Nickel RoHS Compliant MT Aluminum / Nickel-PTFE RoHS Compliant 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 RoHS Compliant ZB Stainless Steel / Olive Drab Chromate over Cadmium ZC Stainless Steel / Zinc Cobalt Alloy/Black Chromate	SEE CONTACT ARRANGEMENTS PAGE D-2	P Pin, PC Tail S Socket, PC Tail E Pin, Solder Cup F Socket, Solder Cup	A Normal B Pos. B C Pos. C D Pos. D E Pos. E F Pos. F  <table><thead><tr><th></th><th>A°</th><th>B°</th></tr></thead><tbody><tr><td>A</td><td>150°</td><td>210°</td></tr><tr><td>B</td><td>75°</td><td>210°</td></tr><tr><td>C</td><td>95°</td><td>230°</td></tr><tr><td>D</td><td>140°</td><td>275°</td></tr><tr><td>E</td><td>75°</td><td>275°</td></tr><tr><td>F</td><td>95°</td><td>210°</td></tr></tbody></table>		A°	B°	A	150°	210°	B	75°	210°	C	95°	230°	D	140°	275°	E	75°	275°	F	95°	210°
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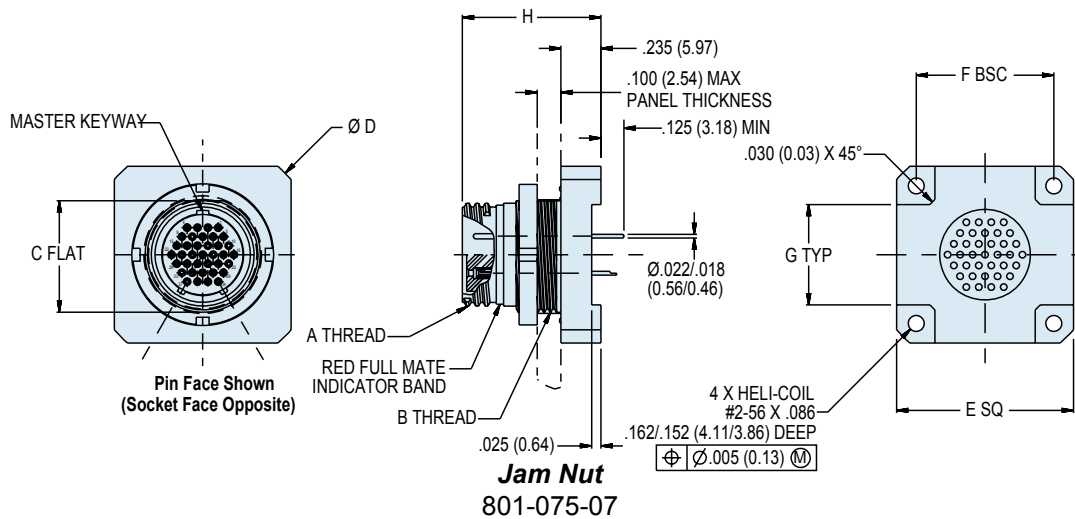
Jam Nut Mount • Heli-Coil Inserts

Fixed Contacts • Shell Sizes 5-21

801-075-07



Series 801



DIMENSIONS

Shell Size	A Thread	B Thread	C Flat		Ø D		E SQ		F BSC		G Typ		H	
			In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
5	.3125-.05P-.1L-2A	.3750-28 UN-2A	.348	8.84	.720	18.29	.545	13.84	.363	9.22	.143	3.63	.772	19.61
6	.375-.05P-.1L-2A	.4375-28 UNEF-2A	.408	10.36	.800	20.32	.595	15.11	.423	10.74	.203	3.63	.772	19.61
7	.4375-.05P-1L2A	.5625-32 UN-2A	.534	13.56	.900	22.86	.723	18.36	.483	12.27	.263	3.63	.772	19.61
8	.5000-.05P-1L-2A	.5625-32 UN-2A	.534	13.56	.980	24.89	.723	18.36	.545	13.84	.325	3.63	.772	19.61
9	.5625-.05P-.1L-2A	.6250-28 UN-2A	.594	15.09	1.080	27.43	.790	20.06	.607	15.42	.387	3.63	.772	19.61
10	.6250-.05P-1L-2A	.6875-28 UN-2A	.656	16.66	1.160	29.46	.855	21.72	.670	17.02	.450	11.43	.772	19.61
11	.6875-.05P-1L-2A	.7500-28 UN-2A	.716	18.19	1.220	30.99	.925	21.72	.715	18.16	.495	12.57	.772	19.61
13	.8125-.1P-.2L-2A	.8750-28 UN-2A	.843	21.41	1.370	34.80	1.044	26.52	.812	20.62	.592	15.04	.881	22.38
16	1.0000-.1P-.2L-2A	1.0625-20 UN-2A	1.020	25.91	1.620	41.15	1.230	31.24	.981	24.92	.751	19.08	.881	22.38
17	1.0625-.1P-.2L-2A	1.2500-28 UN-2A	1.094	27.79	1.720	43.69	1.290	32.77	1.060	26.92	.840	21.34	.881	22.38
19	1.1875-.1P-.2L-2A	1.2500-28 UN-2A	1.225	31.16	1.920	48.77	1.415	35.94	1.191	30.25	.971	24.66	.881	22.38
21	1.3125-.1P-.2L-2A	1.3750-28 UN-2A	1.345	34.16	1.100	27.94	1.577	40.06	1.322	33.58	1.102	27.99	.881	22.38

KEY POSITIONS

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

SERIES 801 JAM NUT PANEL CUTOUT

Shell Size	J Flat		Ø K	
	In.	mm.	In.	mm.
5	.358/.354	9.09/8.99	.385	9.78
6	.418/.414	10.62/10.52	.448	11.38
7	.544/.540	13.82/13.72	.573	14.55
8	.544/.540	13.82/13.72	.573	14.55
9	.604/.600	15.34/15.24	.635	16.13
10	.666/.662	16.92/16.81	.698	17.73
11	.726/.722	18.44/18.34	.760	19.30
13	.853/.849	21.67/21.56	.885	22.48
16	1.030/1.026	26.16/26.06	1.073	27.25
17	1.104/1.100	28.04/27.94	1.135	28.83
19	1.235/1.231	31.37/31.27	1.260	32.00
21	1.355/1.351	34.42/34.32	1.385	35.18

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

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19 - MARCH - 2013

Series 80 Mighty Mouse Contact Arrangements



SERIES 80 "MIGHTY MOUSE" CONTACT ARRANGEMENTS

Contact Size		Contact Quantity					Contact Arrangement					
		#23	#20	#20HD	#16	#12	Series 800	Series 801	Series 802	Series 803	Series 804	Series 805
Size #23 Contacts 5 Amp Max. Current 500 VAC #22-#28 AWG		3					5-3	5-3	5-3	5-3	5-3	Not Avail.
		4					6-4	6-4	6-4	6-4	6-4	8-4
		6					6-6	6-6	6-6	6-6	6-6	8-6
		7					6-7	6-7	6-7	6-7	6-7	8-7
		10					7-10	7-10	7-10	7-10	7-10	9-10
		13					8-13	8-13	8-13	8-13	8-13	10-13
		19					9-19	9-19	9-19	9-19	9-19	11-19
		26					10-26	10-26	10-26	10-26	10-26	12-26
		37					12-37	13-37	12-37	12-37	12-37	15-37
		55					Not Avail.	16-55	14-55	14-55	14-55	18-55
		85					Not Avail.	17-85	15-85	Not Avail.	Not Avail.	19-85
		130					Not Avail.	21-130	21-130	Not Avail.	Not Avail.	23-130
Size #20HD Contacts 7.5 Amp Max. Current 750 VAC #20-#24 AWG				3			6-23	6-23	6-23	6-23	6-23	8-23
				5			7-25	7-25	7-25	7-25	7-25	9-25
				8			8-28	8-28	8-28	8-28	8-28	10-28
				10			9-210	9-210	9-210	9-210	9-210	11-210
				20			12-220	13-220	12-220	12-220	12-220	15-220
				35			Not Avail.	16-235	14-235	14-235	14-235	18-235
				41			Not Avail.	17-241	15-241	Not Avail.	Not Avail.	19-241
				69			Not Avail.	21-269	21-269	Not Avail.	Not Avail.	23-269
Size #16 Contacts 13 Amp Max. Current 1800 VAC #16-#20 AWG					1		6-1	6-1	6-1	6-1	6-1	8-1
					2		8-2	8-2	8-2	8-2	8-2	10-2
					4		9-4	9-4	9-4	9-4	9-4	11-4
					5		10-5	10-5	10-5	10-5	10-5	12-5
					7		12-7	13-7	12-7	12-7	12-7	15-7
					12		Not Avail.	16-12	14-12	14-12	14-12	18-12
					14		Not Avail.	17-14	15-14	Not Avail.	Not Avail.	19-14
					22		Not Avail.	21-22	21-22	Not Avail.	Not Avail.	23-22
Size #12 Contacts 23 Amp Max. Current 1800 VAC #12-#14 AWG						1	7-1	7-1	7-1	7-1	7-1	9-1
						2	10-2	10-2	10-2	10-2	10-2	12-2
						2	12-2	13-2	12-2	12-2	12-2	15-2
						3	12-3	13-3	12-3	12-3	12-3	15-3
						5	Not Avail.	16-5	14-5	14-5	14-5	18-5
						7	Not Avail.	17-7	15-7	Not Avail.	Not Avail.	19-7
						12	Not Avail.	21-12	21-12	Not Avail.	Not Avail.	23-12
Contact Arrangements with Mixed Size (Combo) Layouts		4	2				8-200	8-200	8-200	8-200	8-200	10-200
		8	2				9-201	9-201	9-201	9-201	9-201	11-201
		4			2		9-200	9-200	9-200	9-200	9-200	11-200
		8			2		10-202	10-202	10-202	10-202	10-202	12-202
		4				2	10-201	10-201	10-201	10-201	10-201	12-201
		6				2	12-200	13-200	12-200	12-200	12-200	15-200
		10				2	12-201	13-201	12-201	12-201	12-201	15-201
		12				1	10-200	10-200	10-200	10-200	10-200	12-200

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