



## Series 801 Mighty Mouse Double-Start ACME Threads PCB Receptacle Ordering Information

801-011 and 801-033



**Series 801 Printed  
Circuit Board Receptacle**

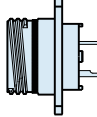
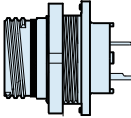
**Printed Circuit Board Receptacles** feature low profile shells for minimum protrusion inside enclosures and integral standoffs for board washout. Contacts are non-removable.

### **Water Immersion, Unmated**

Specify **801-011** connectors for applications where open face water immersion is not a requirement. For MIL-STD-810 Method 512G immersion requirements, specify **801-033** watertight connectors. These 801-033 connectors are specially sealed ("MOD-518") and are 100% tested to maintain a helium leak rate of  $1 \times 10^{-4}$  cc/second at one atmosphere pressure differential from -40C to +70C.

### HOW TO ORDER

#### Sample Part Number

801-011	-07	M	7-10	P	A
Series	Shell Style	Shell Material / Finish	Shell Size- Insert Arrangement	Contact Type	Key Position
<b>801-011</b> Receptacle for Solder Cup or PCB Termination, with Standard Epoxy Potting  <b>801-033</b> Receptacle for Solder Cup or PCB Termination, With Special "MOD-518" Sealing For Open Face (unmated) Water Immersion Requirements. 100% Leak Tested.	 <b>-02</b> <b>Square Flange Front or Rear Mount</b>  <b>-12</b> <b>Square Flange Rear Mount Non-Locking Clinch Nuts</b>  <b>-22</b> <b>Square Flange Rear Mount Locking Clinch Nuts</b>   <b>-07</b> <b>Jam Nut</b>	<b>C</b> Aluminum / Black Anodize (Non-Conductive) RoHS Compliant <b>M</b> Aluminum / Electroless Nickel RoHS Compliant <b>MT</b> Aluminum / Nickel-PTFE RoHS Compliant <b>NF</b> Aluminum / Cadmium with Olive Drab Chromate <b>ZN</b> Aluminum / Zinc-Nickel with Olive Drab Chromate <b>ZNU</b> Aluminum / Zinc-Nickel with Black Chromate <b>Z1</b> Stainless Steel / Passivated RoHS Compliant <b>ZB</b> Stainless Steel / Olive Drab Chromate over Cadmium <b>ZC</b> Stainless Steel / Zinc Cobalt Alloy/Black Chromate	SEE <b>CONTACT ARRANGEMENTS</b> PAGE D-2	<b>P</b> Pin, PC Tail  <b>S</b> Socket, PC Tail  <b>E</b> Pin, Solder Cup  <b>F</b> Socket, Solder Cup	<b>A</b> Normal  Alternate Key Positions: <b>B</b> <b>C</b> <b>D</b> <b>E</b> <b>F</b>

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

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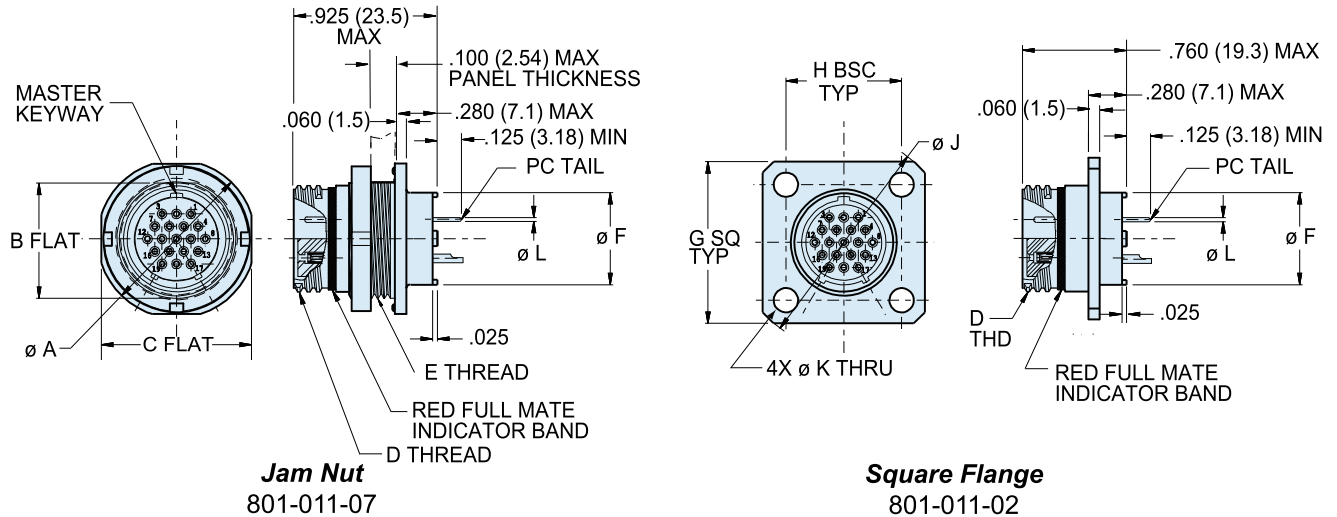
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# Series 801 Mighty Mouse Double-Start ACME Threads Jam Nut and Square Flange Connector Dimensions 801-011 and 801-033



Series 801



**Jam Nut**  
801-011-07

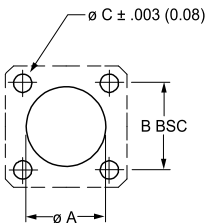
**Square Flange**  
801-011-02

## DIMENSIONS

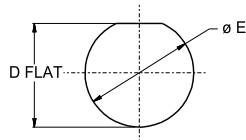
Shell Size	Ø A		B Flat		C Flat		D Thread	E Thread UN-2A	Ø F		G Sq.		H BSC		Ø J		Ø D		Ø L Tail Dia.
	In.	mm.	In.	mm.	In.	mm.			In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	
5	.575	14.61	.350	8.89	.545	13.84	.3125-.05P-.1L-DS-2A	.3750-28	.244	6.20	.530	13.46	.363	9.22	.680	17.27	.096/.091 (2.44/2.31)		#23 .018/.022 (0.46/0.56)
6	.635	16.13	.410	10.41	.595	15.11	.3750-.05P-.1L-DS-2A	.4375-28	.330	8.38	.590	14.99	.423	10.74	.750	19.05			
7	.755	19.18	.536	13.61	.723	18.36	.4375-.05P-.1L-DS-2A	.5625-32	.432	10.97	.650	16.51	.483	12.27	.850	21.59			
8	.755	19.18	.563	14.30	.723	18.36	.5000-.05P-.1L-DS-2A	.5625-32	.493	12.52	.712	18.08	.545	13.84	.938	23.83	.130/.126 (3.30/3.20)		#16 .060/.064 (1.52/1.63)
9	.830	21.08	.596	15.14	.790	20.07	.5625-.05P-.1L-DS-2A	.6250-28	.551	14.00	.850	21.59	.607	15.42	1.125	28.58			
10	.890	22.61	.658	16.71	.855	21.72	.6250-.05P-.1L-DS-2A	.6875-28	.620	15.75	.890	22.61	.670	17.02	1.188	30.18			
11	.960	24.38	.718	18.24	.925	23.50	.6875-.05P-.1L-DS-2A	.7500-28	.662	16.81	.935	23.75	.607	15.42	1.250	31.75	#12 .092/.096 (2.34/2.44)		#12 .092/.096 (2.34/2.44)
13	1.078	27.38	.845	21.46	1.044	26.52	.8125-.1P-.2L-DS-2A	.8750-28	.703	17.86	1.030	26.16	.715	18.16	1.375	34.93			
16	1.264	32.11	1.022	25.96	1.230	31.24	1.0000-.1P-.2L-DS-2A	1.0625-20	.863	21.92	1.219	30.96	.981	24.92	1.625	41.28			
17	1.325	33.66	1.096	27.84	1.290	32.77	1.0625-.1P-.2L-DS-2A	1.1250-28	.912	23.16	1.280	32.51	1.060	26.92	1.700	43.18			
19	1.450	36.83	1.225	31.12	1.415	35.94	1.1875-.1P-.2L-DS-2A	1.2500-28	1.018	25.86	1.432	36.37	1.191	30.25	1.900	48.26			
21	1.625	41.28	1.345	34.16	1.577	40.06	1.3125-.1P-.2L-DS-2A	1.3750-28	1.170	29.72	1.565	39.75	1.322	33.58	2.100	53.34			

## PANEL CUTOUT

Shell Size	Ø A		Ø B		Ø C		D Flat		Ø E	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
5	.330	8.38	.363	9.22	.096/.091 (2.44/2.31)		.362/.358	9.19/9.09	.385	9.78
6	.390	9.91	.423	10.74			.422/.418	10.72/10.62	.448	11.38
7	.450	11.43	.483	12.27			.553/.549	14.05/13.94	.573	14.55
8	.510	12.95	.545	13.84	.130/.126 (3.30/3.20)		.553/.549	14.05/13.94	.573	14.55
9	.575	14.61	.607	15.42			.611/.607	15.52/15.42	.635	16.13
10	.640	16.26	.670	17.02			.673/.669	17.09/16.99	.698	17.73
11	.700	17.78	.715	18.16			.728/.724	18.49/18.39	.760	19.30
13	.825	20.96	.812	20.65			.861/.857	21.87/21.77	.885	22.48
16	1.015	25.78	.981	24.92			1.040/1.036	26.42/26.31	1.075	27.31
17	1.075	27.31	1.060	26.92			1.113/1.109	28.29/28.17	1.135	28.83
19	1.200	30.48	1.191	30.25			1.235/1.231	31.37/31.29	1.260	32.00
21	1.330	33.78	1.322	33.58			1.356/1.352	34.44/34.35	1.385	35.18



**Shell Style 02**  
**Square Flange**



**Shell Style 07**  
**Jam Nut**

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