



**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.

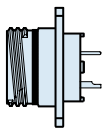
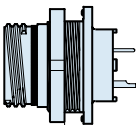
### Water Immersion, Unmated

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.

D

## HOW TO ORDER

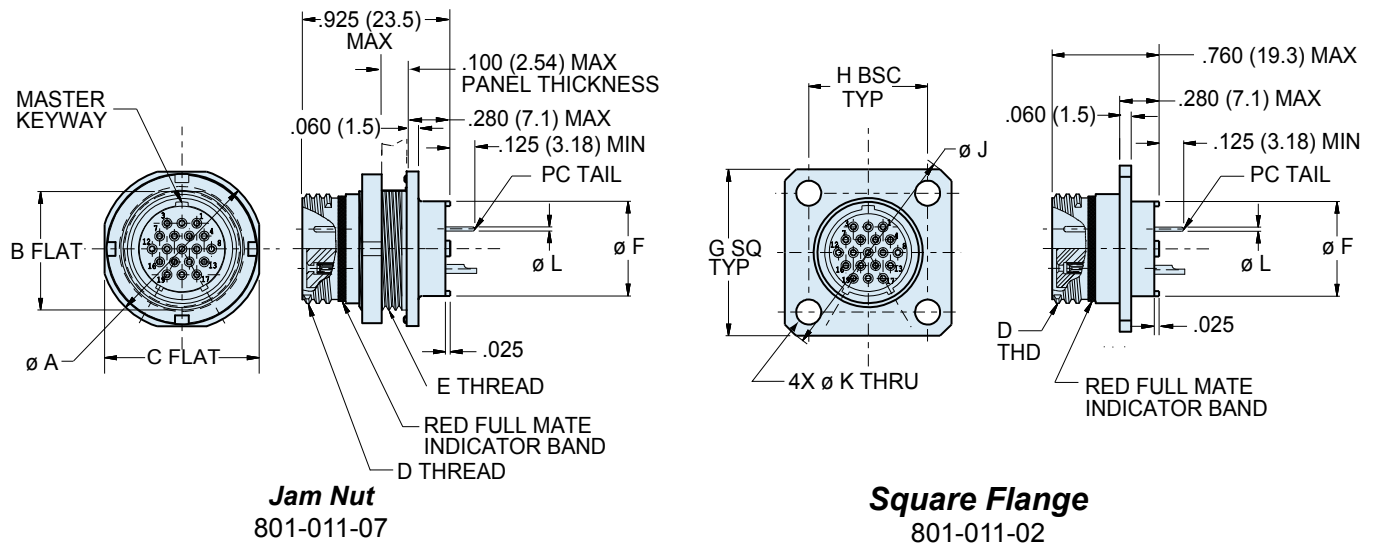
### Sample Part Number

801-011	-07	M	7-10	P	A
Series	Shell Style	Shell Material / Finish	Shell Size- Insert Arrangement	Contact Type	Key Position
<p><b>801-011</b> Receptacle for Solder Cup or PCB Termination, with Standard Epoxy Potting</p>	 <p><b>-02</b> Square Flange</p>	<p><b>C</b> Aluminum / Black Anodize (Non-Conductive) RoHS Compliant</p> <p><b>M</b> Aluminum / Electroless Nickel RoHS Compliant</p> <p><b>NF</b> Aluminum / Cadmium with Olive Drab Chromate</p> <p><b>ZN</b> Aluminum / Zinc-Nickel with Olive Drab Chromate</p> <p><b>ZNU</b> Aluminum / Zinc-Nickel with Black Chromate</p> <p><b>MT</b> Aluminum / Nickel-PTFE RoHS Compliant</p> <p><b>Z1</b> Stainless Steel / Passivated RoHS Compliant</p>	<p>SEE <b>CONTACT ARRANGEMENTS</b> PAGE D-2</p>	<p><b>P</b> Pin, PC Tail</p> <p><b>S</b> Socket, PC Tail</p> <p><b>E</b> Pin, Solder Cup</p> <p><b>F</b> Socket, Solder Cup</p>	<p><b>A</b> Normal</p> <p>Alternate Key Positions: <b>B</b> <b>C</b> <b>D</b> <b>E</b> <b>F</b></p>
<p><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.</p>	 <p><b>-07</b> Jam Nut</p>				

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

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

801-011 and 801-033



**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 K		Ø L Tail Dia.
	In.	mm.	In.	mm.	In.	mm.			In.	mm.	In.	mm.	In.	mm.	In.	mm.	±.003	±0.08	
5	.575	14.61	.350	8.89	.545	13.84	.3125-.05P-.1L-2A	.3750-28	.244	6.20	.530	13.46	.363	9.22	.680	17.27	.093	2.36	#23
6	.635	16.13	.410	10.41	.595	15.11	.375-.05P-.1L-2A	.4375-28	.330	8.38	.590	14.99	.423	10.74	.750	19.05	.093	2.36	.018/.022 (0.46/0.56)
7	.755	19.18	.536	13.61	.723	18.36	.4375-.05P-1L2A	.5625-32	.432	10.97	.650	16.51	.483	12.27	.850	21.59	.093	2.36	#20
8	.755	19.18	.563	14.30	.723	18.36	.5000-.05P-.1L-2A	.5625-32	.493	12.52	.712	18.08	.545	13.84	.938	23.83	.128	3.25	.024/.028 (0.61/0.71)
9	.830	21.08	.596	15.14	.790	20.07	.5625-.05P-.1L-2A	.6250-28	.551	14.00	.850	21.59	.607	15.42	1.125	28.58	.128	3.25	#16
10	.890	22.61	.658	16.71	.855	21.72	.6250-.05P-.1L-2A	.6875-28	.620	15.75	.890	22.61	.670	17.02	1.188	30.18	.128	3.25	.060/.064 (1.52/1.63)
13	1.078	27.38	.845	21.46	1.044	26.52	.8125-.1P-.2L-2a	.875-28	.703	17.86	1.030	26.16	.812	20.62	1.375	34.93	.128	3.25	#12
16	1.264	32.11	1.022	25.96	1.230	31.24	1.000-.1P-.2L-2A	1.0625-20	.863	21.92	1.219	30.96	.981	24.92	1.625	41.28	.128	3.25	.092/.096 (2.34/2.44)
17	1.325	33.66	1.096	27.84	1.290	32.77	1.062-.1P-.2L-2A	1.125-28	.912	23.16	1.280	32.51	1.060	26.92	1.700	43.18	.128	3.25	
21	1.625	41.28	1.345	34.16	1.577	40.06	1.3125-.1P-.2L-2A	1.375-28	1.170	29.72	1.565	39.75	1.322	33.58	2.100	53.34	.128	3.25	

## 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	.093	2.36	.356	9.04	.385	9.78
6	.390	9.91	.423	10.74	.093	2.36	.416	10.57	.447	11.35
7	.450	11.43	.483	12.27	.093	2.36	.542	13.77	.572	14.53
8	.510	12.95	.545	13.84	.093	2.36	.542	13.77	.572	14.53
9	.575	14.61	.607	15.42	.128	3.25	.602	15.29	.635	16.13
10	.640	16.26	.670	17.02	.128	3.25	.666	16.92	.697	17.70
13	.825	20.96	.812	20.65	.128	3.25	.851	21.62	.885	22.48
16	1.015	25.78	.981	24.92	.128	3.25	1.028	26.11	1.075	27.31
17	1.075	27.31	1.060	26.92	.128	3.25	1.102	27.99	1.135	28.83
21	1.330	33.78	1.322	33.58	.128	3.25	1.354	34.39	1.385	35.18

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