



Series 804 Push-Pull Mighty Mouse PC Tail or Solder Cup Receptacle 804-005, 804-020 Ordering Information



Panel Mount Receptacles feature factory-installed non-removable contacts. Choose solder cup or PC Tail terminals. Available in front or rear panel mount versions.

Water Immersion, Unmated

Specify **804-005** connectors for applications where open face water immersion is not a requirement. For MIL-STD-810 Method 512G immersion requirements, specify **804-020** watertight connectors. These 804-020 connectors are specially sealed ("MOD-518") and are 100% tested to maintain a helium leak rate of 1×10^{-4} cc/second at one atmosphere pressure differential from -40C to +70C.

How To Order

Sample Part Number	804-005	-07	NF	9-4	E	A
Series	804-005 = Solder Cup or PCB Receptacle with Standard Potting 804-020 = Solder Cup or PCB Receptacle with Special "MOD-518" Sealing for Open Face (Unmated) Water Immersion Requirements. 100% Leak Tested.					
Shell Style (See Table I)	-00 = Front Panel Mount Jam Nut (See Table IV) -07 = Rear Panel Mount Jam Nut (See Table III)					
Shell Material and Finish	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 ZNU = Aluminum / Zinc-Nickel with Black Chromate Z1 = Stainless Steel / Passivated; RoHS Compliant					
Shell Size - Insert Arrangement	See Contact Arrangements Page G-2					
Contact Type	P = Pin, PC Tail E = Pin, Solder Cup S = Socket, PC Tail F = Socket, Solder Cup					
Shell Key Positions (See Table II)	Omit = Single Master Key A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F					

Table I: Shell Style

-00 Jam Nut, Front Panel Mount	-07 Jam Nut, Rear Panel Mount

Table II: Alternate Key Positions

The diagram illustrates a circular component with six key positions, labeled A through F, arranged around its circumference. The positions are defined by radial dashed lines from the center. Curved arrows indicate the angular positions A° and B° for each key position. The positions are as follows:

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

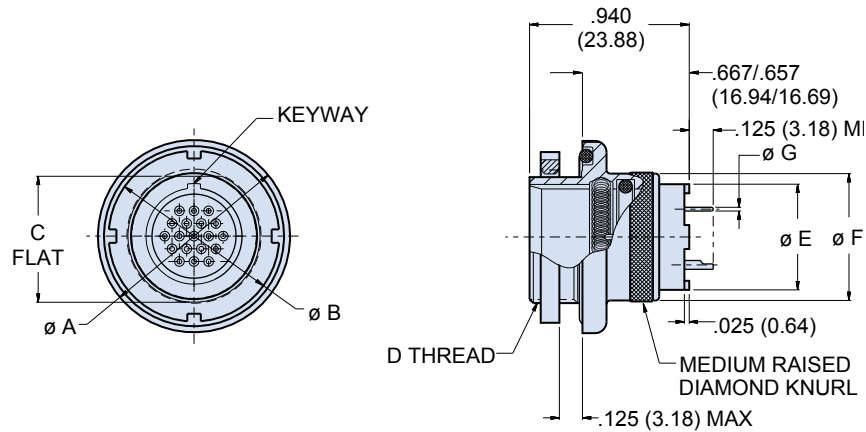
Dimensions in Inches (millimeters) are subject to change without notice.

Series 804 Push-Pull Mighty Mouse Connector
PCB or Solder Cup Receptacle
804-005-07, 804-020-07 Dimensions



Series 804

Jam nut, rear panel mount receptacle - style 07



Rear Panel Jam Nut
804-005-07

Dimensions												
Shell Size	Ø A		Ø B		C Flat		D Threads	Ø E		Ø F		Ø G Tail Dia.
	In.	mm.	In.	mm.	In.	mm.		In.	mm.	In.	mm.	
5	.730	18.54	.562	14.27	.415	10.54	.4375-32 UN-2A	.244	6.20	.435	11.05	#23 .018/.022 (0.46/0.56) #20 .024/.028 (0.61/0.71) #16 .060/.064 (1.52/1.63) #12 .092/.096 (2.34/2.44)
6	.730	18.54	.625	15.87	.467	14.40	.5000-32 UN-2A	.330	8.38	.483	12.27	
7	.910	23.11	.750	19.05	.594	15.09	.6250-28 UN-2A	.432	10.97	.570	14.48	
8	.955	24.26	.750	19.05	.594	15.09	.6250-28 UN-2A	.493	12.52	.593	15.06	
9	1.000	25.40	.812	20.62	.655	16.64	.6875-28 UN-2A	.551	14.00	.685	17.40	
10	1.085	27.48	.875	22.22	.721	18.31	.7500-28 UN-2A	.620	15.75	.725	18.42	
11	1.135	28.83	.938	23.83	.788	20.02	.8125-28 UN-2A	.662	16.81	.810	20.57	
12	1.190	30.23	1.000	25.40	.843	21.41	.8750-28 UN-2A	.703	17.86	.850	21.59	
14	1.325	33.66	1.125	28.57	.968	24.59	1.0000-28 UN-2A	.863	21.92	.973	24.71	

Rear Mount Jam Nut Panel Mount Cutout					
Shell Size	A Flat		Ø B		
	In. ± .002	mm. ± .05	In. ± .005	mm. ± 0.13	
5	.427/.423	10.85/10.74	.448	11.38	
6	.479/.475	12.17/12.07	.510	12.95	
7	.606/.602	15.39/15.29	.635	16.13	
8	.606/.602	15.39/15.29	.635	16.13	
9	.667/.663	16.94/16.84	.695	17.65	
10	.734/.729	18.64/18.52	.760	19.30	
11	.801/.796	20.35/20.22	.822	20.88	
12	.855/.851	21.72/21.62	.885	22.48	
14	.980/.976	24.89/24.79	1.010	25.65	

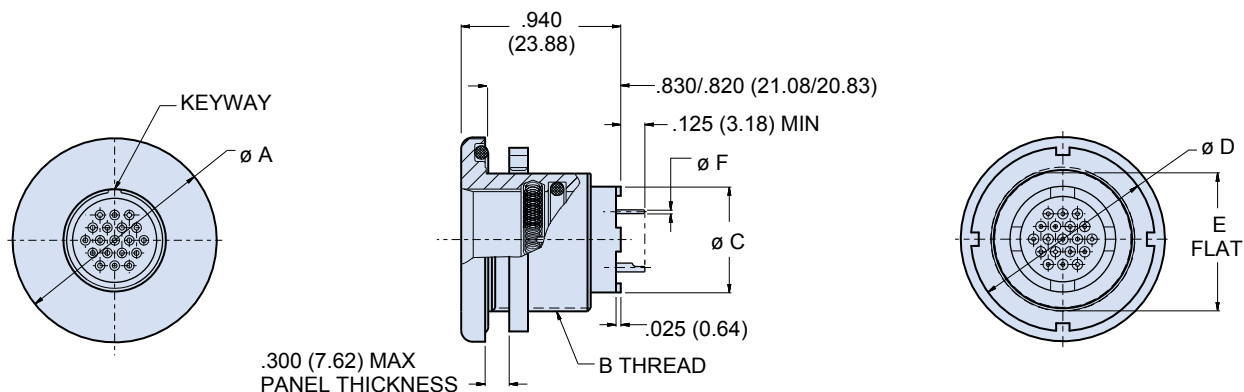
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Series 804 Push-Pull Mighty Mouse Connector PC Tail or Solder Cup Receptacle

804-005-00, 804-020-00 Dimensions

Jam nut, front panel mount receptacle - style 00



Front Panel Jam Nut
804-005-00

Dimensions										
Shell Size	Ø A		B Threads	Ø C		Ø D		E Flat		Ø F Tail Dia.
	In.	mm.		In.	mm.	In.	mm.	In.	mm.	
5	.830	21.08	.5000-32 UN-2A	.244	6.20	.625	15.87	.470	11.94	#23 .018/.022 (0.46/0.56) #20 .024/.028 (0.61/0.71) #16 .060/.064 (1.52/1.63) #12 .092/.096 (2.34/2.44)
6	.885	22.48	.5625-28 UN-2A	.330	8.38	.688	17.47	.530	13.46	
7	.995	25.27	.6875-28 UN-2A	.432	10.97	.812	20.62	.663	16.84	
8	.995	25.27	.6875-28 UN-2A	.493	12.52	.812	20.62	.663	16.84	
9	1.075	27.31	.7500-28 UN-2A	.551	14.00	.875	22.22	.720	18.29	
10	1.140	28.95	.8125-28 UN-2A	.620	15.75	.938	23.82	.788	20.02	
11	1.190	30.23	.8750-28 UN-2A	.662	16.81	1.000	25.4	.843	21.41	
12	1.340	34.04	1.0000-28 UN-2A	.703	17.86	1.125	28.57	.970	24.64	
14	1.390	35.31	1.0620-20 UN-2A	.863	21.92	1.162	29.51	1.020	25.91	

Front Mount Jam Nut Panel Cutout

Shell Size	A Flat		Ø B	
	In. ± .002	mm. ± 0.05	In. ± .005	mm. ± 0.13
5	0.480	12.19	0.510	12.95
6	0.540	13.73	0.575	14.61
7	0.673	17.09	0.698	17.73
8	0.673	17.09	0.698	17.73
9	0.730	18.54	0.760	19.30
10	0.798	20.27	0.822	20.88
11	0.853	21.67	0.885	22.48
12	0.980	24.89	1.010	25.65
14	1.030	26.16	1.075	27.31

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