

**Series 803 Mighty Mouse ¼ Turn Bayonet
PC Tail and Solder Cup Receptacle
803-005 and 803-015 Ordering Information**



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

Water Immersion, Unmated Specify 803-005 connectors for applications where open face water immersion is not a requirement. For MIL-STD-810 Method 512G immersion requirements, specify 803-015 watertight connectors. These 803-015 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.

NOTE: mated connectors are not submersible.

How To Order						
Sample Part Number	803-005	-02	ZN	6-7	S	N
Series	803-005 = Receptacle, Solder Cup or PCB Contacts 803-015 = Receptacle, Solder Cup or PCB Contacts; Watertight					
Shell Style (See Table I)	-02 = Flange Mount -07 = Jam Nut (See Page					
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 F-2					
Contact Type	P = Pin, PC Tail S = Socket PC Tail		E = Pin, Solder Cup F = Socket, Solder Cup			
Shell Key Positions (See Table II)	N = Normal X = Pos. X Y = Pos. y Z = Pos. Z					

Table I: Shell Style

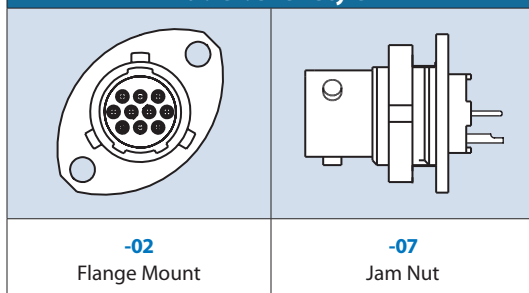
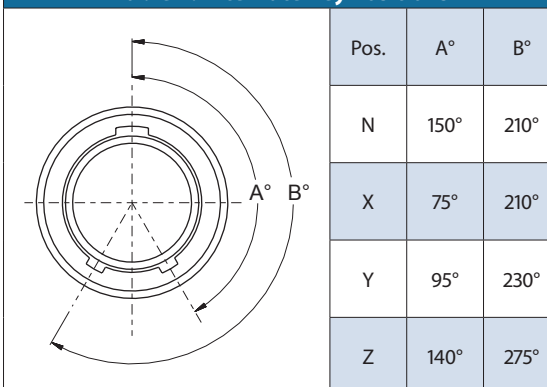


Table II: Alternate Key Positions



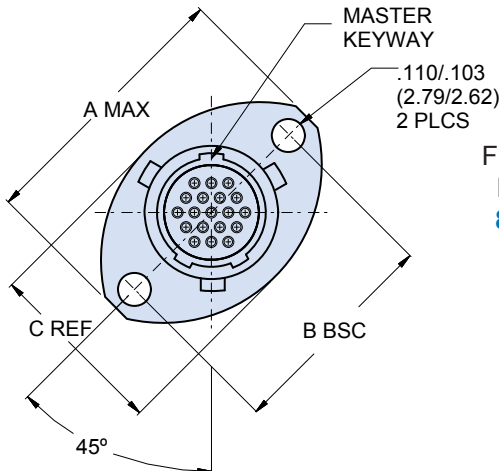
Dimensions in Inches (millimeters) are subject to change without notice.

Series 803 Mighty Mouse ¼ Turn Bayonet PC Tail and Solder Cup Receptacle 803-005 and 803-015 Dimensions

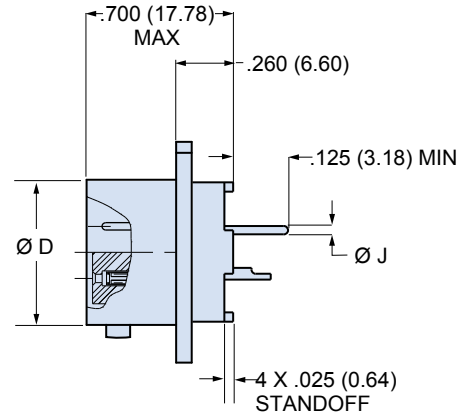


Series 803

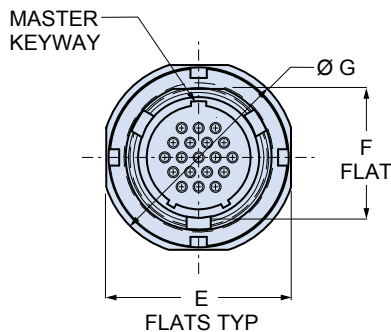
Flange mount front or rear panel mount receptacle - shell style 02



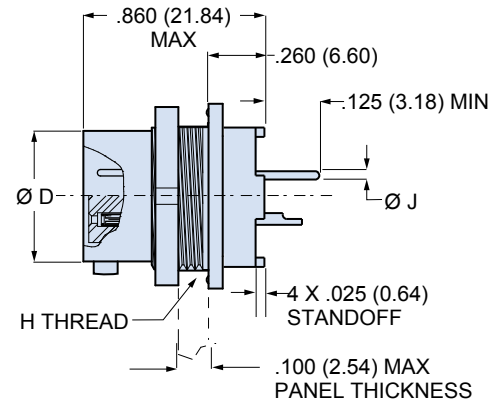
Flange Mount
Receptacle
803-005-02



Jam nut rear panel mount receptacle - shell style 01



Jam Nut
Receptacle
803-005-07



Dimensions																
Shell Size	A Max.		B Bsc.		C Ref.		Ø D		E Flats		F Flat		Ø G		H Thread	Ø J Tail Dia.
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.		
5	.703	17.86	.513	13.03	.460	11.68	.300	7.62	.545	13.84	.350	8.89	.575	14.61	.3750-32 UNEF-2A	#23 .018/.022 (0.46/0.56)
6	.788	20.02	.598	15.19	.522	13.26	.362	9.19	.595	15.11	.410	10.42	.635	16.13	.4375-28 UNEF-2A	#20 .024/.028 (0.61/0.71)
7	.890	22.61	.708	17.98	.590	14.99	.436	11.07	.723	18.36	.536	13.61	.755	19.18	.5625-32 UN-2A	#16 .060/.064 (1.52/1.63)
8	1.154	29.31	.964	24.49	.668	16.97	.508	12.91	.790	18.36	.593	14.53	.755	19.18	.6250-28 UN-2A	#12 .092/.096 (2.34/2.44)
9	1.207	30.66	1.017	25.83	.721	18.31	.561	14.25	.790	20.07	.596	15.14	.830	21.08	.6250-28 UN-2A	
10	1.291	32.79	1.101	27.97	.795	20.19	.635	16.13	.925	21.72	.721	18.31	.890	22.61	.7500-28 UN-2A	
12	1.394	35.41	1.204	30.58	.874	22.20	.714	18.14	1.044	26.52	.845	21.46	1.078	27.38	.8750-28 UN-2A	
14	1.545	39.24	1.280	32.51	1.050	26.67	.865	21.97	1.230	31.24	1.022	25.96	1.264	32.11	1.0625-20 UN-2A	

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

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