

803-006

Series 803 Mighty Mouse Hermetic Receptacles with ¼ Turn Bayonet Coupling How to Order Information



**Series 803 Hermetic
Jam Nut Mount**

Series 803 Hermetic Receptacles feature 304L stainless steel shells, fused vitreous glass insulators and gold-plated Alloy 52 iron alloy contacts.

1 X 10⁻⁷ cc/second maximum Helium leak rate when tested at 1 atmosphere vacuum.

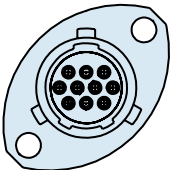
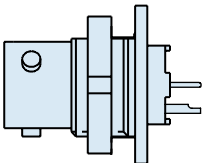
Two Shell Styles are available: Jam Nut and Flange Mount.

Solder Cup Contacts accept up to #22 AWG stranded wire. Or, choose **Printed Circuit Board Contacts** for attachment to rigid boards or flexible circuits.

HERMETIC LEAK RATE MOD CODES	
Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second

HOW TO ORDER

Sample Part Number

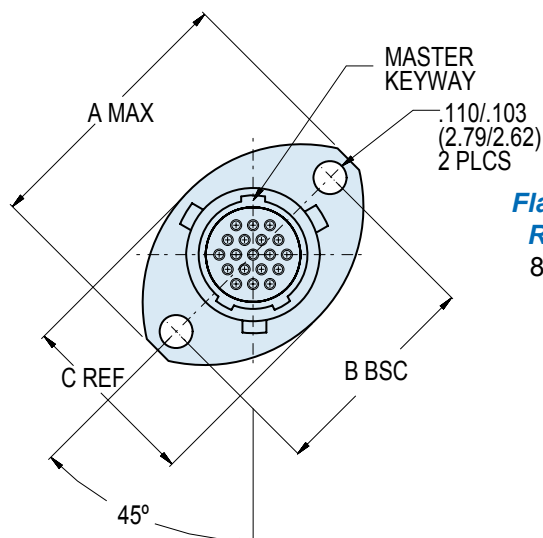
803-006	-07	Z1	9-19	P	N
Series	Shell Style	Shell Material / Finish	Shell Size/Insert	Contact Type	Shell Key Position
803-006 Hermetic Receptacles with Printed Circuit Board Contacts or Solder Cup Contacts	 -02 Flange Mount  -07 Jam Nut	Z1 Stainless Steel / Passivated ZL Stainless Steel/ Nickel Plated *Titanium and Inconel® shell materials are available. Consult factory for ordering information.	See Page C-4 for Contact Arrangements	P Pin, Solder Cup C Pin, PC Tail S Socket, Solder Cup D Sockets, PC Tail	N Normal Alternate Key Positions: X Y Z

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

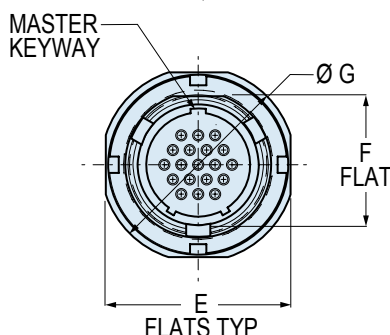


803-006-02 and 803-006-07
Series 803 Mighty Mouse Hermetic Receptacles
¼ Turn Bayonet Coupling Flange Mount and Jam Nut
Connector Dimensions

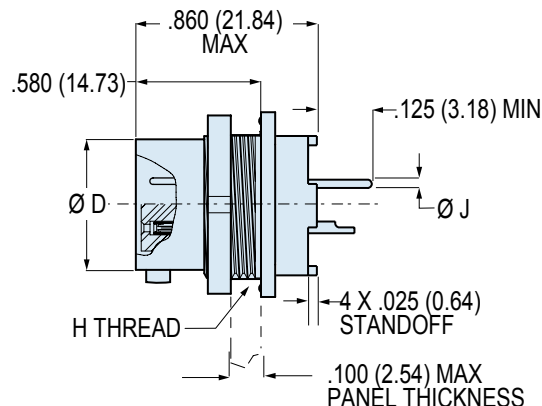
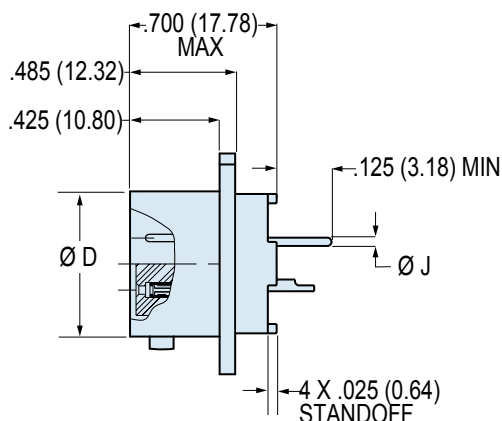
C



**Flange Mount
Receptacle**
803-006-02



**Jam Nut
Receptacle**
803-006-07



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	20.07	.593	15.10	.755	19.18	.6250-32 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	.593	15.10	.830	21.08	.6250-28 UN-2A	
10	1.291	32.79	1.101	27.97	.795	20.19	.635	16.13	.925	23.51	.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	

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U.S. CAGE Code 06324

Printed in U.S.A.