

804-006

Series 804 Mighty Mouse Hermetic Receptacles Push-Pull Quick-Disconnect How to Order Information



Series 804 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:
Style 00 for front panel mounting
Style 07 for rear panel mounting.

"Push-Pull" Quick-Disconnect
Canted coil spring securely retains mating plug connector and provides low shell-to-shell resistance for excellent EMI shielding. O-ring inside receptacle shell provides water-tight seal when mated.

Series 804 Hermetic Jam Nut Mount



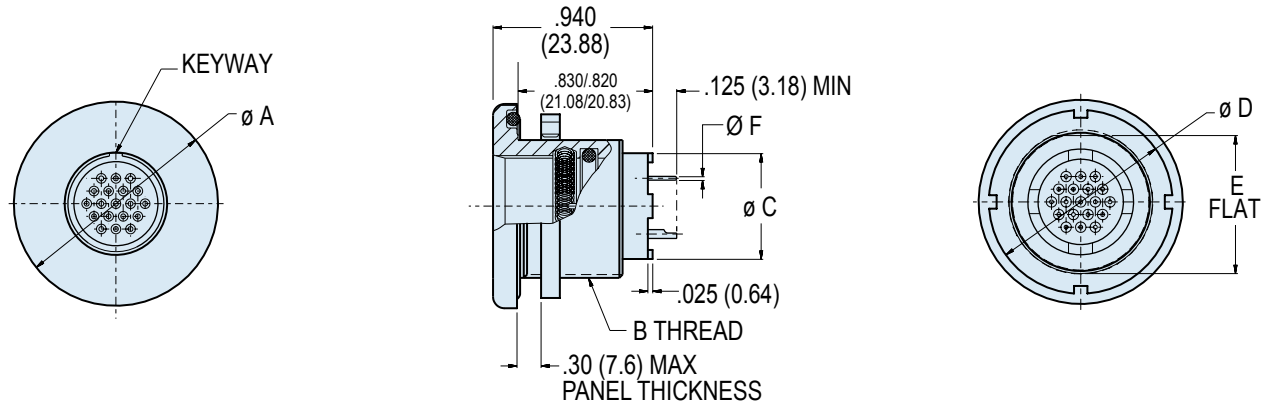
HOW TO ORDER					
Sample Part Number					
804-006	-07	Z1	9-19	P	A
Series	Shell Style	Shell Material / Finish	Shell Size/Insert	Contact Type	Shell Key Position
804-006 Hermetic Receptacles with Printed Circuit Board Contacts or Solder Cup Contacts	<p>-00 Jam Nut, Front Panel</p>	<p>Z1 Stainless Steel / Passivated</p> <p>ZL Stainless Steel/ Nickel Plated</p> <p>*Titanium and Inconel® shell materials are available. Consult factory for ordering information.</p>	See Page C-4 for Contact Arrangements	<p>P Pin, Solder Cup</p> <p>C Pin, PC Tail</p> <p>S Socket, Solder Cup</p> <p>D Socket, PC Tail</p>	<p>Omit for Single Master Key</p> <p>A Pos. A (Normal)</p> <p>B Pos. B</p> <p>C Pos. C</p> <p>D Pos. D</p>
	<p>-07 Jam Nut, Rear Panel</p>				

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



804-006-00
Series 804 Mighty Mouse Hermetic Receptacles
Front Panel Jam Nut Mount Connector Dimensions

C



Front Panel Jam Nut
 804-006-00

DIMENSIONS										
Shell Size	Ø A		B Threads	Ø C		Ø E		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)
6	.885	22.48	.5625-28 UN-2A	.336	8.53	.688	17.47	.530	13.46	
7	.995	25.27	.6875-32 UN-2A	.432	10.97	.812	20.62	.663	16.84	#20 .024/.028 (0.61/0.71)
8	.995	25.27	.6875-32 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	#16 .060/.064 (1.52/1.63)
10	1.140	28.95	.8125-28 UN-2A	.620	15.75	.938	23.82	.788	20.02	
12	1.340	34.04	1.0000-28 UN-2A	.703	17.86	1.125	28.57	.970	24.64	#12 .092/.096 (2.34/2.44)
14	1.390	35.31	1.0625-20 UN-2A	.863	21.92	1.188	30.18	1.020	25.91	

ALTERNATE KEY POSITIONS			
	Pos.	A°	B°
	A	150°	210°
	B	75°	210°
	C	95°	230°
	D	140°	275°

JAM NUT PANEL CUTOUT				
Shell Size	A Flat		Ø B	
	In. ± .002	mm. ± 0.05	In.	mm.
5	.480	12.19	.510	12.95
6	.540	13.72	.575	14.61
7	.674	17.12	.698	17.73
8	.674	17.12	.698	17.73
9	.730	18.54	.760	19.30
10	.799	20.29	.822	20.88
12	.980	24.89	1.010	25.65
14	1.030	26.16	1.075	27.31
15	1.013	25.73	1.135	28.83

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

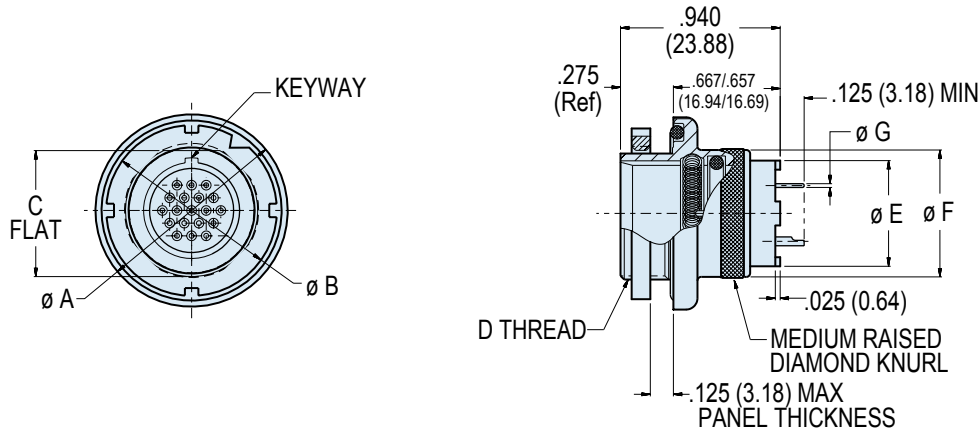
804-006-07

Series 804 Mighty Mouse Hermetic Receptacles
Rear Panel Jam Nut Mount
Dimensions



Series 80
Mighty Mouse

C



Rear Panel Jam Nut
804-006-07

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	.790	20.07	.562	14.27	.415	10.54	.4375-32 UN-2A	.244	6.20	.450	11.43	#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	.830	21.08	.625	15.87	.467	14.40	.5000-32 UN-2A	.330	8.38	.520	13.21	
7	.910	23.11	.750	19.05	.594	15.09	.6250-28 UN-2A	.432	10.97	.580	14.73	
8	.955	24.26	.750	19.05	.594	15.09	.6250-28 UN-2A	.493	12.52	.603	15.32	
9	1.000	25.40	.812	20.62	.655	16.64	.6875-32 UN-2A	.551	14.00	.695	17.65	
10	1.085	27.48	.875	22.22	.721	18.31	.7500-28 UN-2A	.620	15.75	.735	18.67	
12	1.180	29.97	1.000	25.40	.843	21.41	.8750-28 UN-2A	.703	17.86	.880	22.35	
14	1.325	33.66	1.125	28.57	.968	24.59	1.0000-28 UN-2A	.863	21.92	1.010	25.65	

ALTERNATE KEY POSITIONS			
	Pos.	A°	B°
	A	150°	210°
	B	75°	210°
	C	95°	230°
	D	140°	275°

JAM NUT PANEL CUTOUT				
Shell Size	A Flat		Ø B	
	In. ± .002	mm. ± 0.05	In.	mm.
5	.425	10.80	.448	11.38
6	.477	12.12	.510	12.95
7	.604	15.34	.635	16.13
8	.604	15.34	.635	16.13
9	.665	16.89	.695	17.65
10	.731	18.57	.760	19.30
12	.853	21.67	.885	22.48
14	.978	24.84	1.010	25.65
15	1.039	26.39	1.070	27.18

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