

Series 800 "Mighty Mouse" with UN Mating Thread Hermetic Receptacles 800-013



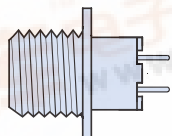
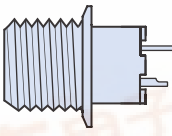
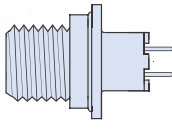
Series 800 Hermetic

Series 800 Hermetic Receptacles feature 304L stainless steel shells, fused vitreous glass insulators and Alloy 52 iron alloy contacts.

Solder Cup Contacts for wire attachment, or **PC Tail Contacts** for attachment to flexible or rigid circuits.

1 X 10⁻⁶ cc/second maximum helium leak rate.

Three Shell Styles: solder mount, jam nut or square flange.

HOW TO ORDER																																																																																																																																						
Sample Part Number																																																																																																																																						
800-013	-07	Z1	7-10	P	Z																																																																																																																																	
Series	Shell Style	Shell Material / Finish	Shell Size- Insert Arrangement	Contact Type	Shell Key Position																																																																																																																																	
800-013 Hermetic Receptacle		Z1 Stainless Steel / Passivated	<table><thead><tr><th rowspan="2">Arr.</th><th colspan="4">No. of Contacts</th></tr><tr><th>#23</th><th>#20</th><th>#16</th><th>#12</th></tr></thead><tbody><tr><td>5-3</td><td>3</td><td></td><td>1</td><td></td></tr><tr><td>6-1</td><td>4</td><td></td><td></td><td></td></tr><tr><td>6-4</td><td>4</td><td></td><td></td><td></td></tr><tr><td>6-7</td><td>7</td><td></td><td></td><td></td></tr><tr><td>7-1</td><td></td><td></td><td></td><td>1</td></tr><tr><td>7-10</td><td>10</td><td></td><td></td><td></td></tr><tr><td>8-2</td><td></td><td></td><td>2</td><td></td></tr><tr><td>8-13</td><td>13</td><td></td><td></td><td></td></tr><tr><td>8-200</td><td>4</td><td>2</td><td></td><td></td></tr><tr><td>9-4</td><td></td><td></td><td>4</td><td></td></tr><tr><td>9-19</td><td>19</td><td></td><td></td><td></td></tr><tr><td>9-200</td><td>4</td><td></td><td>2</td><td></td></tr><tr><td>9-201</td><td>8</td><td>2</td><td></td><td></td></tr><tr><td>10-5</td><td></td><td></td><td>5</td><td></td></tr><tr><td>10-26</td><td>26</td><td></td><td></td><td></td></tr><tr><td>10-200</td><td>12</td><td></td><td></td><td>1</td></tr><tr><td>10-201</td><td>4</td><td></td><td></td><td>2</td></tr><tr><td>10-202</td><td>8</td><td></td><td>2</td><td></td></tr><tr><td>12-2</td><td></td><td></td><td></td><td>2</td></tr><tr><td>12-3</td><td></td><td></td><td></td><td>3</td></tr><tr><td>12-7</td><td></td><td></td><td></td><td>7</td></tr><tr><td>12-37</td><td>37</td><td></td><td></td><td></td></tr><tr><td>12-200</td><td>6</td><td></td><td></td><td>2</td></tr><tr><td>12-201</td><td>10</td><td></td><td></td><td>2</td></tr></tbody></table>	Arr.	No. of Contacts				#23	#20	#16	#12	5-3	3		1		6-1	4				6-4	4				6-7	7				7-1				1	7-10	10				8-2			2		8-13	13				8-200	4	2			9-4			4		9-19	19				9-200	4		2		9-201	8	2			10-5			5		10-26	26				10-200	12			1	10-201	4			2	10-202	8		2		12-2				2	12-3				3	12-7				7	12-37	37				12-200	6			2	12-201	10			2	P Pin, Solder Cup	N Normal
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-02 Square Flange		ZL Stainless Steel / Nickel Plated		C Pin, PC Tail	X Pos. X																																																																																																																																	
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-03 Solder Mount					Z Pos. Z																																																																																																																																	
																																																																																																																																						
-07 Jam Nut																																																																																																																																						

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

CAGE Code 06324

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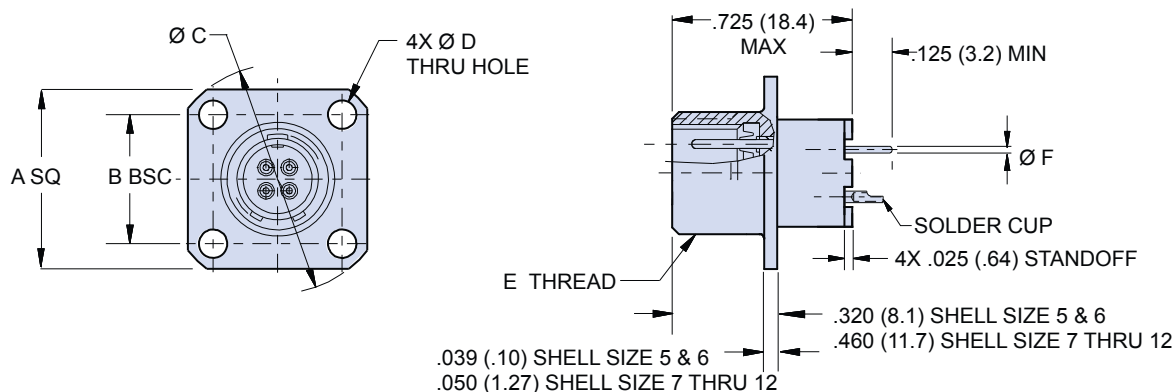
Rev. 01-FEB-2009





Series 800 "Mighty Mouse" with UN Mating Thread Hermetic Connector Dimensions 800-013-02 and 800-013-03

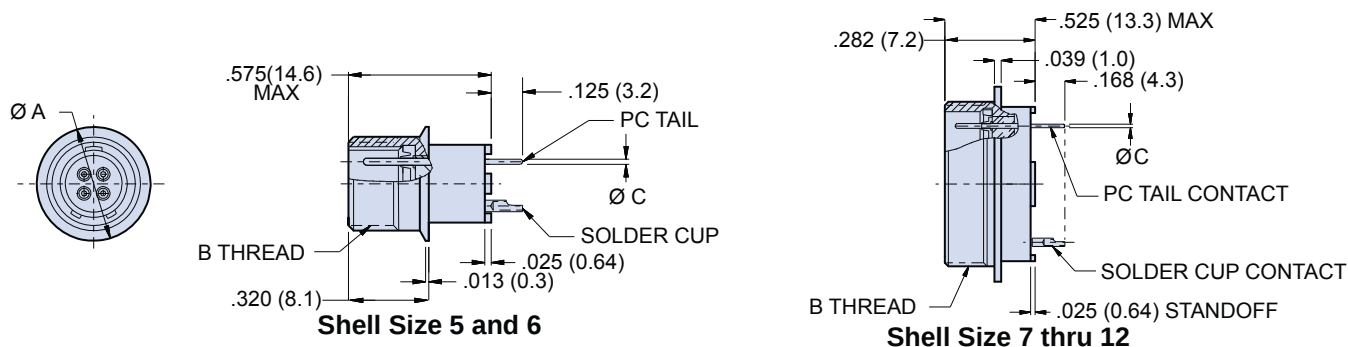
800-013-02 Square Flange Dimensions



800-013-02 SQUARE FLANGE HERMETIC RECEPTACLE DIMENSIONS

Shell Size	A SQ		B		Ø C		Ø D		E Threads Mating	Ø F PC TAIL DIA. ± .002 (0.05)
	In.	mm.	In.	mm.	In.	mm.	In. ± .005	mm. ± 0.13		
5	.527	13.39	.363	9.22	.680	17.27	.094	2.39	.3125-28 UN-2A	Size #22
6	.588	14.92	.423	10.74	.750	19.05	.094	2.39	.3750-28 UN-2A	.020 (0.51)
7	.650	16.51	.483	12.27	.830	21.08	.130	3.30	.4375-28 UNEF-2A	Size #20
8	.710	18.03	.542	13.77	.938	23.83	.130	3.30	.5000-32 UN-2A	.026 (0.66)
9	.938	23.83	.719	18.26	1.250	31.75	.130	3.30	.5625-32 UN-2A	Size #16
10	.938	23.83	.719	18.26	1.250	31.75	.130	3.30	.6250-32 UN-2A	.062 (1.57)
12	1.031	26.19	.812	20.62	1.375	34.93	.130	3.30	.7500-28 UN-2A	Size #12
										.094 (2.34)

800-013-03 Solder Mount Dimensions



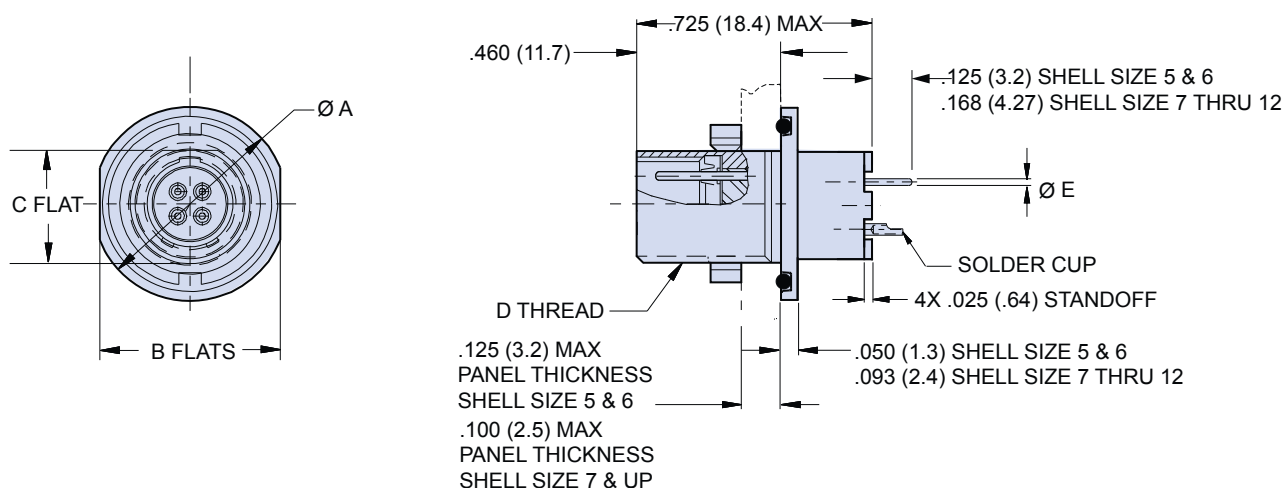
DIMENSIONS

Shell Size	Ø A		B Threads	Ø C PC TAIL DIA. ± .002 (0.05)
	In.	mm.		
5	.400	10.16	.3125-28 UN-2A	Size #22
6	.455	11.56	.3750-28 UN-2A	.020 (0.51)
7	.520	13.21	.4375-28 UNEF-2A	Size #20
8	.650	16.51	.5000-32 UN-2A	.026 (0.66)
9	.764	19.41	.5625-32 UN-2A	Size #16
10	.775	19.69	.6250-32 UN-2A	.062 (1.57)
12	.858	21.79	.7500-28 UN-2A	Size #12
				.094 (2.34)

Dimensions in inches (millimeters) and are subject to change without notice.
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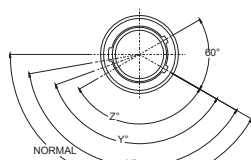
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Series 800 "Mighty Mouse" with UN Mating Thread Hermetic Connector Dimensions 800-013-07 Jam Nut

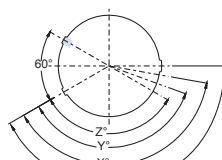


DIMENSIONS								
Shell Size	Ø A		Ø B		C		D Threads Mating	Ø E PC TAIL DIA. ± .002 (0.05)
	In.	mm.	In.	mm.	In.	mm.		
5	.541	13.74	.500	12.70	.285	7.24	.3125-28 UN-2A	Size #22
6	.610	15.49	.562	14.27	.352	8.94	.3750-28 UN-2A	.020 (0.51)
7	.670	17.02	.635	16.13	.411	10.44	.4375-28 UNEF-2A	Size #20
8	.775	19.69	.735	18.67	.473	12.01	.5000-32 UN-2A	.026 (0.66)
9	.875	22.23	.806	20.47	.530	13.46	.5625-32 UN-2A	Size #16
10	.980	24.89	.940	23.88	.604	15.34	.6250-32 UN-2A	.062 (1.57)
12	1.062	26.97	.986	25.04	.712	18.08	.7500-28 UN-2A	Size #12
								.094 (2.34)

SERIES 800 KEY POSITIONS



Plug

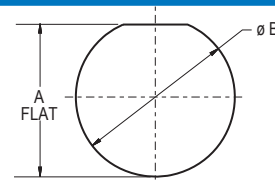


Receptacle

Key Position	Key Rotation
Normal (N)	150°
X	140°
Y	130°
Z	120°

Shell size 5 and 6: master key is located at top dead center for normal (N) position. Shell size 7 thru 12: master key is rotated 90° from TDC.

SERIES 800 PANEL CUTOUTS



Shell Size	A Flat		Ø B	
	In.	mm.	In.	mm.
5	.302 / .298	7.67 / 7.57	.318	8.08
6	.365 / .361	9.27 / 9.17	.386	9.80
7	.424 / .420	10.77 / 10.67	.449	11.40
8	.486 / .482	12.34 / 12.24	.510	12.95
9	.543 / .539	13.79 / 13.69	.574	14.58
10	.617 / .613	15.67 / 15.57	.635	16.12
12	.725 / .721	18.42 / 18.31	.760	19.30

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