

Series 800 “Mighty Mouse” with UN Mating Thread Plug Connector Ordering Information



Series 800 Plug Connector

Compact Size saves space and weight. Smaller than other Series 80 plugs, these Series 800 plugs are suitable for hostile environments and are watertight when mated.

Two Shell Styles: Integral platform for direct shield attachment using **BAND-IT®** termination system, or accessory thread for attaching a strain relief.

Crimp, Rear Release contact system, now with #12 and #16 M39029 coaxial or power contacts.

Two Coupling Nut Styles: Hex nut or round knurled nut. Either style is available with optional wave spring which helps to prevent the nut from backing off.

HOW TO ORDER

Sample Part Number

800-006	-06	M	7-10	P	Z																																																																																																																																		
Series	Shell Style	Shell Material / Finish	Shell Size- Insert Arrangement	Contact Type	Shell Key Position																																																																																																																																		
 800-006 Hex Plug with Banding Platform	-06 Standard Coupling Nut -16 Coupling Nut with Anti-Decoupling Wave Spring	C Aluminum / Black Anodize (Non-Conductive) RoHS Compliant M Aluminum / Electroless Nickel RoHS Compliant NF Aluminum / Cadmium with Olive Drab Chromate ZN Aluminum / Zinc-Nickel with Olive Drab Chromate UCR Aluminum / Zinc-Cobalt with Black Chromate RoHS Compliant ZNU Aluminum / Zinc-Nickel with Black Chromate MT Aluminum / Nickel-PTFE RoHS Compliant Z1 Stainless Steel / Passivated RoHS Compliant	<table><tr><th colspan="5">No. of Contacts</th></tr><tr><th>Arr.</th><th>#23</th><th>#20</th><th>#16</th><th>#12</th></tr><tr><td>5-3</td><td>3</td><td></td><td></td><td></td></tr><tr><td>6-1</td><td></td><td></td><td>1</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>7</td><td></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></table>	No. of Contacts					Arr.	#23	#20	#16	#12	5-3	3				6-1			1		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	Connector supplied with contacts P Pin S Socket Connector supplied without contacts A Pin B Socket Connector Connectors with contacts are supplied with signal and/or power crimp contacts. These contacts are not installed. Coaxial contacts and non-standard signal contacts are ordered separately.	N Normal X Pos. X Y Pos. Y Z Pos. Z
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Dimensions in inches (millimeters) and are subject to change without notice.

CAGE Code 06324

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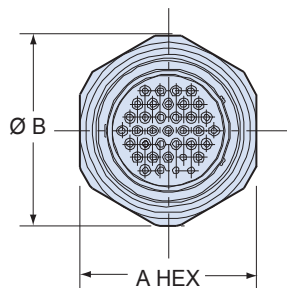
Rev. 01-FEB-2009

Series 800 "Mighty Mouse" with UN Mating Thread Plug Connector Dimensions 800-006 Thru 800-009

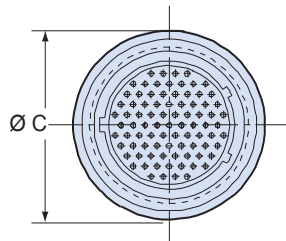


Series 800

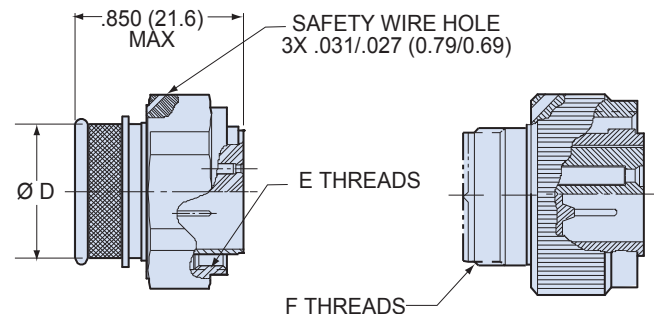
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Hex Coupling Nut
800-006
800-007



Round Knurled Coupling Nut
800-008
800-009



Integral Band Platform
800-006
800-008

Accessory Threads
800-007
800-009

DIMENSIONS

Shell Size	A Hex Style 06		A Hex Style 16		Ø B Style 06		Ø B Style 16		Ø C Style 06		Ø C Style 16		Ø D		E Threads Coupling Nut	F Threads Accessory
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.		
5	.430	10.92	.495	12.57	.470	11.94	.540	13.72	.430	10.92	.490	12.45	.230	5.84	.3125-28 UN-2B	.250-32 UNEF-2A
6	.500	12.70	.563	14.30	.550	13.97	.620	15.75	.500	12.70	.560	14.22	.286	7.26	.3750-28 UN-2B	.3125-32 UNEF-2A
7	.625	15.88	.720	18.29	.680	17.27	.800	20.32	.620	15.75	.680	17.27	.390	9.91	.4375-28 UNEF-2B	.4375-28 UNEF-2A
8	.680	17.27	.743	18.87	.750	19.05	.830	21.08	.680	17.27	.750	19.05	.445	11.30	.5000-32 UN-2B	.5000-28 UNEF-2A
9	.750	19.05	.813	20.65	.830	21.08	.890	22.61	.750	19.05	.810	20.57	.500	12.70	.5625-32 UN-2B	.5625-24 UNEF-2A
10	.812	20.62	.875	22.23	.900	22.86	.960	24.38	.810	20.57	.880	23.35	.565	14.35	.6250-32 UN-2B	.6250-24 UNEF-2A
12	.875	22.23	.938	23.83	.970	24.64	1.030	26.16	.880	22.35	.940	23.88	.650	16.51	.7500-28 UN-2B	.6875-24 UNEF-2A

SERIES 800 KEY POSITIONS

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 for normal position.		Plug Key Position	Receptacle Key Position

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