



Series 803 Mighty Mouse ¼ Turn Bayonet Plug

803-001 and 803-002 Ordering Information



Series 803 compact size and rugged design make them suitable for light-to-medium duty applications where water immersion is not a consideration. Splashproof design withstands exposure to rain and condensation. Bayonet coupling mechanism uses a rotating coupling nut on the plug and three integral bayonet pins on the receptacle. Push to mate, then rotate the coupling nut 90° to lock. Connector shells are machined aluminum or stainless steel. Supplied with crimp contacts, packaged separately. Terminate contacts with standard M22520 tools. Metal clips inside the connector body lock contact into place. Contacts are removable. Fluorosilicone seals and rear grommet protect connector from water ingress. Terminate cable shield directly to connector body with Band-Master™ ATS strap, or choose rear accessory thread to attach optional cable clamp or backshell. Available in shell sizes 5 through 14 in 46 contact arrangements.

How To Order

Sample Part Number		803-001	-06	NF	9-19	P	N
Series (See Table I)	803-001 = Plug with Banding Platform 803-002 = Plug with Accessory Thread						
Shell Style	-06 = Plug						
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 ZN = Aluminum / Zinc-Nickel with Olive Drab Chromate ZNU = Aluminum / Zinc-Nickel with Black Chromate Z1 = Stainless Steel / Passivated; RoHS Compliant UCR = Aluminum / Zinc-Cobalt with Black Chromate; RoHS Compliant						
Shell Size - Insert Arrangement	See Contact Arrangements Page F-2						
Contact Type	Connector supplied with contacts P = Pin S = Socket 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.	Connector supplied without contacts A = Pin Connector, less contacts B = Socket Connector, less contacts					
Shell Key Positions (See Table II)	N = Normal X = Pos. X Y = Pos. y Z = Pos. Z						

Table I: Series

803-001 Plug with Banding Platform	803-002 Plug with Accessory Thread

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

Series 803 Mighty Mouse 1/4 Turn Bayonet Coupling Contact Arrangements

Contact Arrangements

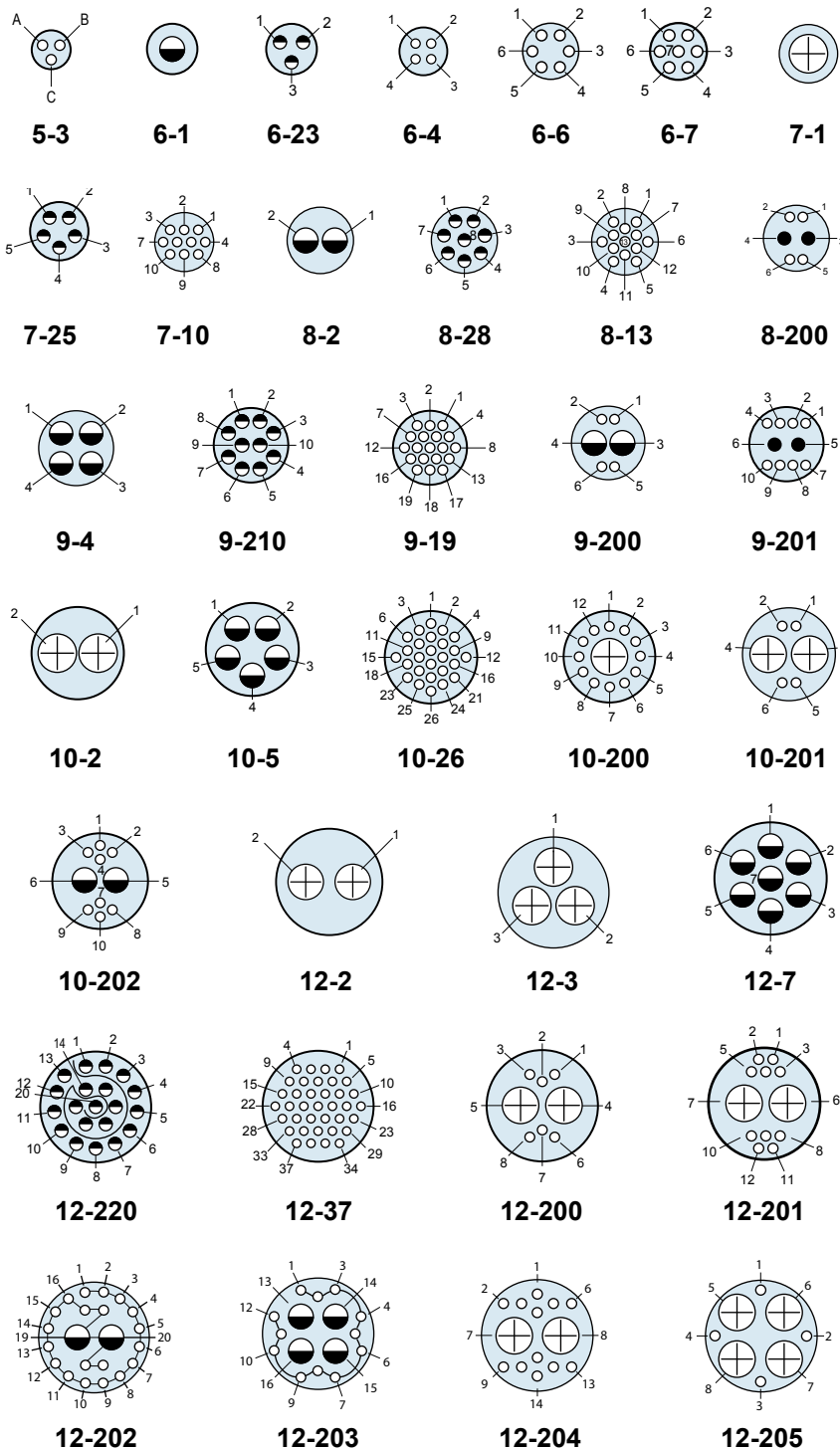
Contact Arr.	No. of Contacts				
	#23	#20	#20HD	#16	#12*
5-3	3				
6-1				1	
6-23			3		
6-4	4				
6-6	6				
6-7	7				
7-1					1
7-25			5		
7-10	10				
8-2				2	
8-28			8		
8-13	13				
8-200	4	2			
9-4				4	
9-210			10		
9-19	19				
9-200	4			2	
9-201	8	2			
10-2					2
10-5				5	
10-26	26				
10-200	12				1
10-201	4				2
10-202	8			2	
12-2					2
12-3					3
12-7				7	
12-220			20		
12-37	37				
12-200	6				2
12-201	10				2
12-202	20			2	
12-203	12			4	
12-204	12				2
12-205	4				4
14-5					5
14-12				12	

*All arrangements with #12 contacts available with keyed Twinax contacts. Use mode code -688

Contact Legend

#23° #20HD● #20● #16● #12⊕

Mating Face View of Pin Connector (Socket connector numbers are reversed)



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

Series 803 Mighty Mouse 1/4 Turn Bayonet Couplings Contact Arrangements



Series 803

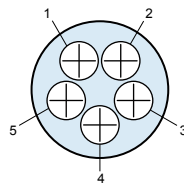
Contact Arrangements					
Contact Arr.	No. of Contacts				
	#23	#20	#20HD	#16	#12*
14-235			35		
14-55	55				
14-204	40			2	
14-205	32			4	
14-206	34				2
14-207	20				4

*All arrangements with #12 contacts available with keyed Twinax contacts. Use mode code -688

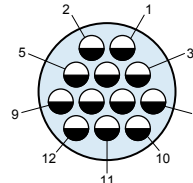
Contact Legend

#23° #20HD● #20● #16● #12⊕

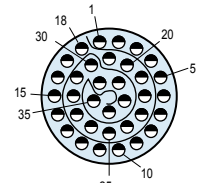
Mating Face View of Pin Connector (Socket connector numbers are reversed)



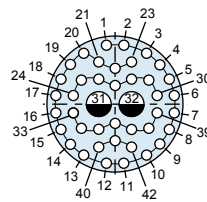
14-5



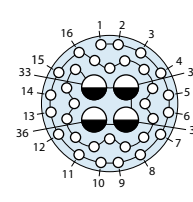
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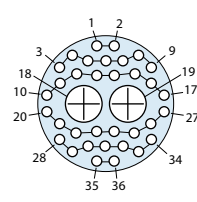
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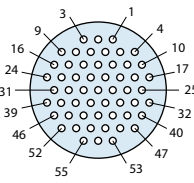
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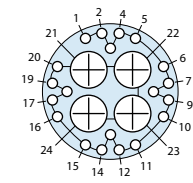
14-205



14-206

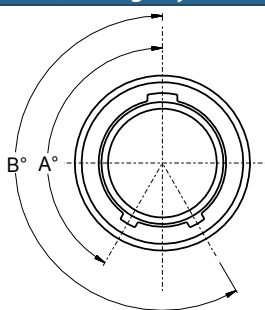


14-55



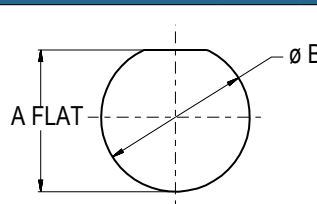
14-207

Series 803 Plug Key Positions



Pos.	A°	B°
N	150°	210°
X	75°	210°
Y	95°	230°
Z	140°	275°

Jam Nut Panel Cutout



Shell Size	A Flat		Ø B	
	In. ± .002	mm. ± 0.05	In.	mm.
5	.355	9.02	.382	9.70
6	.415	10.54	.445	11.30
7	.541	13.74	.572	14.53
8	.601	15.27	.635	16.13
9	.601	15.27	.643	16.33
10	.729	18.52	.760	18.29
12	.850	21.59	.885	22.48
14	1.031	26.19	1.072	27.23

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

Mouser Electronics

Authorized Distributor

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