Series 803 Mighty Mouse
¼ Turn Bayonet Receptacle
803-003 and 803-004 Ordering Information

In-Line

Push-To-Mate, ¼ Turn to Lock. These quick-mating connectors feature bayonet pins on the receptacle. Simply push the connectors together, then rotate the plug coupling nut 90° to lock the connectors together.

Jam Nut

Three Shell Mounting Options: Jam nut with O-ring for rear panel mounting, elliptical flange for front or rear panel mounting, or in-line receptacles for free-hanging cables.

Flange Mount

Two Shell Styles: Choose the integral band platform for direct attachment of a cable shield. Install a heat-shrink boot, or overmold directly onto the band platform. An accessory thread is available for attaching strain reliefs and backshells.

How To Order

Sample Part Number		803-003	-07	NF	6-7	S	N
Series (See Table I)	**803-003** = Receptacle with Banding Platform **803-004** = Receptacle with Accessory Thread						
Shell Style (See Table II)	**-01** = In-Line **-02** = Flange Mount **-07** = Jam Nut						
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 **ZNU** = Aluminum / Zinc-Nickel with Black Chromate **Z1** = Stainless Steel / Passivated; RoHS Compliant						
Shell Size - Insert Arrangement	See Contact Arrangements Page F-2						
Contact Type	Connector supplied with contacts Connector supplied without contacts **P** = Pin **A** = Pin Connector, less contacts **S** = Socket **B** = Socket Connector, less contacts 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.						
Shell Key Positions (See Table III)	**N** = Normal **X** = Pos. X **Y** = Pos. y **Z** = Pos. Z						

Table I: Series

803-003	803-004
Plug with Banding Platform	Plug with Accessory Thread

Table II: Shell Style

-01	-02	-07
In-line	Flange Mount	Jam Nut

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

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F

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)

5-3

6-1

6-23

6-4

6-6

6-7

7-1

7-25

7-10

8-2

8-28

8-13

8-200

9-4

9-210

9-19

9-200

9-201

10-2

10-5

10-26

10-200

10-201

10-202

12-2

12-3

12-7

12-220

12-37

12-200

12-201

12-202

12-203

12-204

12-205

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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
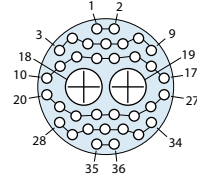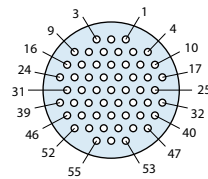### (Socket connector numbers are reversed)
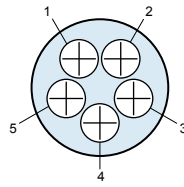
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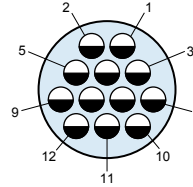
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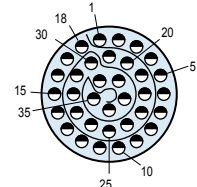
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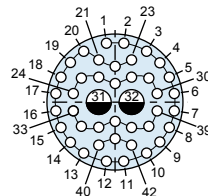
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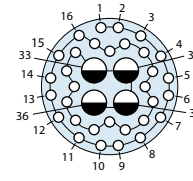
14-205

14-206

14-55
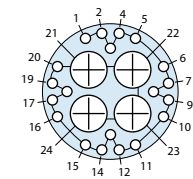
14-207

Series 803 Plug Key Positions
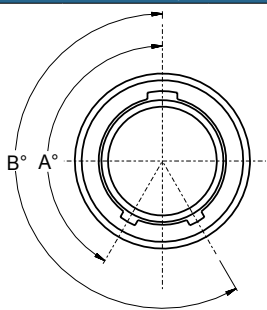
Pos.	A°	B°
N	150°	210°
X	75°	210°
Y	95°	230°
Z	140°	275°

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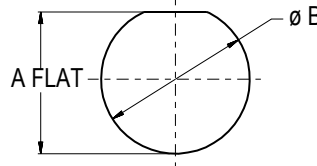
Shell Size	A Flat		Ø B	
	In. ± .002	mm. ± 0.05	In.	mm.
5	.355	9.02	.382	9.70
6	.415	10.54	.445	11.30
7	.541	13.74	.572	14.53
8	.601	15.27	.635	16.13
9	.601	15.27	.643	16.33
10	.729	18.52	.760	18.29
12	.850	21.59	.885	22.48
14	1.031	26.19	1.072	27.23

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