

# Series 803 Mighty Mouse ¼ Turn Bayonet Coupling Connector Ordering Information

## 803-003 and 803-004 Crimp Receptacles



**In-Line**



**Jam Nut**



**Flange Mount**

**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.

**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.

**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**

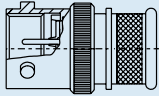
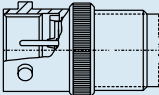
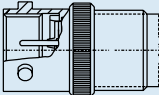
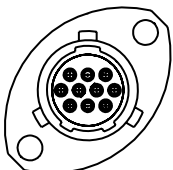
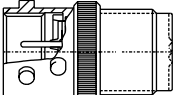
**-07**

**NF**

**6-7**

**S**

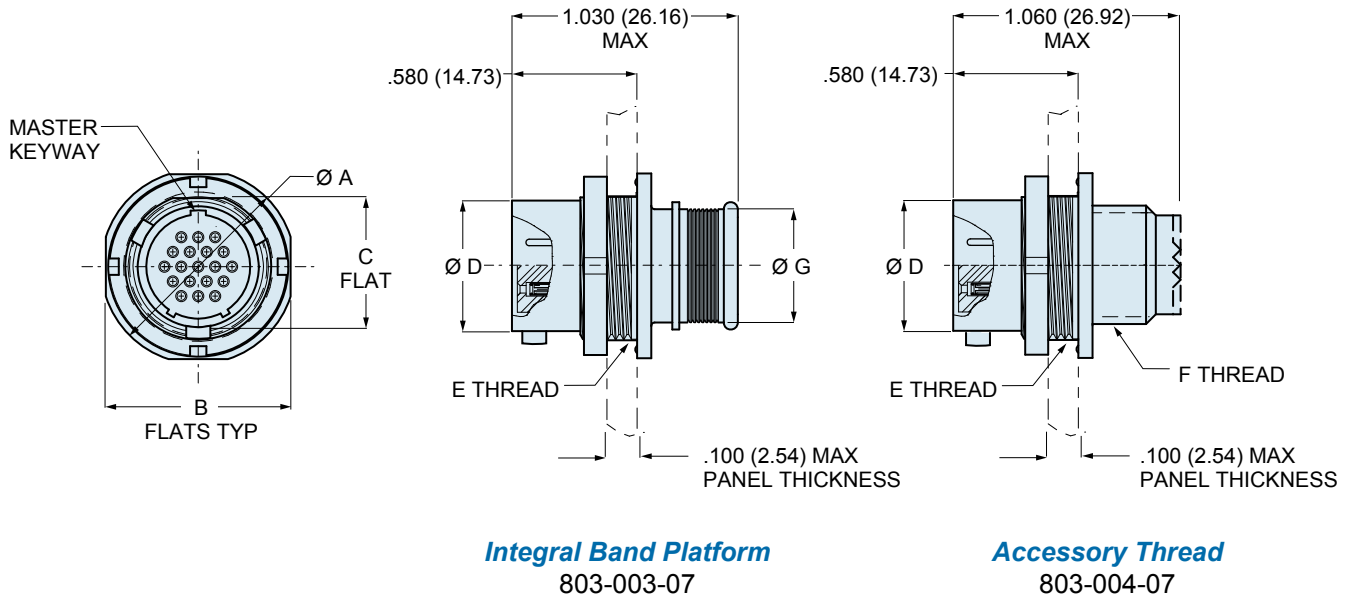
**N**

Series	Shell Style	Shell Material / Finish	Shell Size- Insert Arrangement	Contact Type	Shell Key Position
 <p><b>803-003</b> Receptacle with Banding Platform for Direct Attachment of Cable Shield and Overmold</p>	 <p><b>-07</b> Jam Nut</p>	<p><b>C</b> Aluminum / Black Anodize (Non-Conductive) RoHS Compliant</p> <p><b>M</b> Aluminum / Electroless Nickel RoHS Compliant</p> <p><b>NF</b> Aluminum / Cadmium with Olive Drab Chromate</p> <p><b>ZN</b> Aluminum / Zinc-Nickel with Olive Drab Chromate</p> <p><b>ZNU</b> Aluminum / Zinc-Nickel with Black Chromate</p> <p><b>MT</b> Aluminum / Nickel-PTFE RoHS Compliant</p> <p><b>Z1</b> Stainless Steel / Passivated RoHS Compliant</p>	<p>SEE <b>CONTACT ARRANGEMENTS</b> PAGE F-2</p>	<p><b>Connector supplied with contacts</b></p> <p><b>P</b> Pin</p> <p><b>S</b> Socket</p> <p><b>Connector supplied without contacts</b></p> <p><b>A</b> Pin Connector, less contacts</p> <p><b>B</b> Socket Connector, less contacts</p> <p>Connectors with contacts are supplied with signal and/or power crimp contacts. These contacts are not installed.</p> <p>Coaxial contacts and non-standard signal contacts are ordered separately.</p>	<p><b>N</b> Normal</p> <p>Alternate Key Positions:</p> <p><b>X</b></p> <p><b>Y</b></p> <p><b>Z</b></p>
 <p><b>803-004</b> Receptacle with Rear Accessory Thread</p>	 <p><b>-02</b> Flange Mount</p>				
	 <p><b>-01</b> In-Line</p>				

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

# Series 803 Mighty Mouse ¼ Turn Bayonet Coupling Jam Nut Receptacle Dimensions

803-004-07 and 803-003-07



## DIMENSIONS

Shell Size	Ø A		B Flats		C Flat		Ø D		E Thread	F Thread	Ø G	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.			In.	mm.
5	.575	14.61	.545	13.84	.350	8.89	.300	7.62	.3750-32 UNEF-2A	.2500-32 UNEF-2A	.230	5.84
6	.635	16.13	.595	15.11	.410	10.41	.362	9.19	.4375-28 UNEF-2A	.3125-32 UNEF-2A	.286	7.26
7	.755	19.18	.723	18.36	.536	13.61	.436	11.07	.5625-32 UN-2A	.4375-28 UNEF-2A	.390	9.91
8	.755	19.18	.790	20.11	.593	15.10	.508	12.91	.6250-28 UN-2A	.5000-28 UNEF-2A	.440	11.18
9	.830	21.08	.790	20.07	.596	15.14	.561	14.25	.6250-28 UN-2A	.5625-24 UNEF-2A	.500	12.70
10	.890	22.61	.925	23.51	.721	18.31	.635	16.13	.7500-28 UN-2A	.6250-24 UNEF-2A	.562	14.27
12	1.078	27.38	1.044	26.52	.845	21.46	.714	18.14	.8750-28 UN-2A	.6875-24 UNEF-2A	.650	16.51
14	1.264	32.11	1.230	31.24	1.022	25.96	.865	21.97	1.0625-20 UN-2A	.9375-20 UNEF-2A	.805	20.45

## ALTERNATE KEY POSITIONS

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

## JAM NUT PANEL CUTOUT

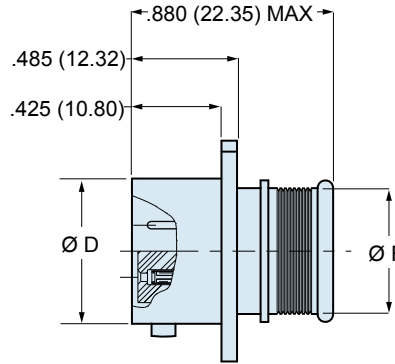
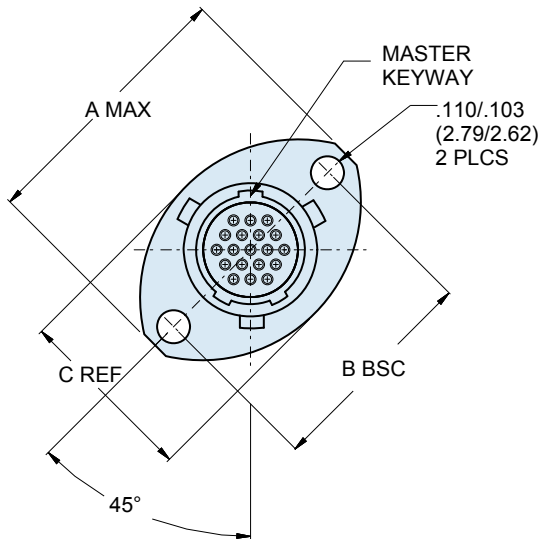
Shell Size	A Flat		Ø B	
	In. ± .002	mm. ± 0.05	In.	mm.
5	.355	9.02	.382	9.70
6	.415	10.54	.445	11.30
7	.541	13.74	.572	14.53
8	.603 .599	15.32 15.21	.635	16.13
9	.601	15.27	.643	16.33
10	.731 .727	18.57 18.47	.760	18.29
12	.850	21.59	.885	22.48
14	1.031	26.19	1.072	27.23

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

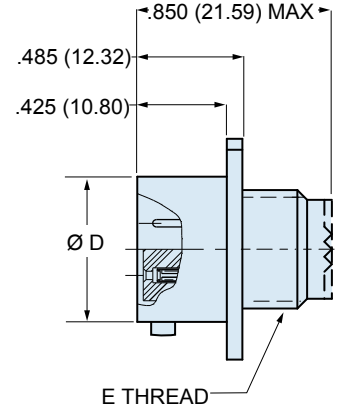
# Series 803 Mighty Mouse ¼ Turn Bayonet Coupling Flange Mount Receptacle Dimensions 803-004-02 and 803-003-02 Crimp Receptacles



Series 803



**Integral Band Platform**  
803-003-02



**Accessory Thread**  
803-004-02

## DIMENSIONS

Shell Size	A Max.		B Bsc.		C Ref.		Ø D		E Thread	Ø F	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.		In.	mm.
5	.703	17.86	.513	13.03	.460	11.68	.300	7.62	.2500-32 UNEF-2A	.230	5.84
6	.788	20.02	.598	15.19	.522	13.26	.362	9.19	.3125-32 UNEF-2A	.286	7.26
7	.890	22.61	.708	17.98	.590	14.99	.436	11.07	.4375-28 UNEF-2A	.390	9.91
8	1.154	29.31	.964	24.49	.668	16.97	.508	12.91	.5000-28 UNEF-2A	.440	11.18
9	1.207	30.66	1.017	25.83	.721	18.31	.561	14.25	.5625-24 UNEF-2A	.500	12.70
10	1.291	32.79	1.101	27.97	.795	20.19	.635	16.13	.6250-24 UNEF-2A	.562	14.27
12	1.394	35.41	1.204	30.58	.874	22.20	.714	18.14	.6875-24 UNEF-2A	.650	16.51
14	1.545	39.24	1.280	32.51	1.050	26.67	.865	21.97	.9375-20 UNEF-2A	.805	20.45

## ALTERNATE KEY POSITIONS

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

## FLANGE MOUNT PANEL CUTOUTS

Shell Size	A		Ø B	
	In.	mm.	In.	mm.
5	.513	13.03	.365	9.25
6	.598	15.19	.430	10.92
7	.708	17.98	.520	13.21
8	.964	17.98	.592	15.04
9	1.017	25.83	.645	16.38
10	1.101	27.97	.726	18.44
12	1.204	30.58	.832	21.13
14	1.280	32.51	.945	24.00

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

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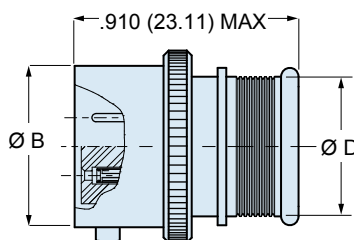
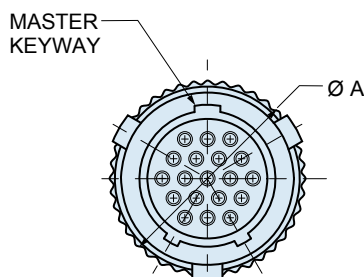
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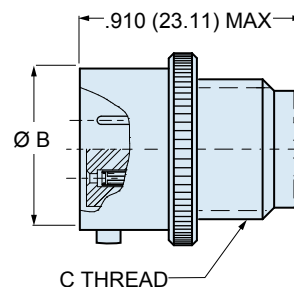
# Series 803 Mighty Mouse ¼ Turn Bayonet Coupling

## In-Line Receptacle Dimensions

### 803-004-01 and 803-003-01 Crimp Receptacles



**Integral Band Platform**  
803-003-01



**Accessory Thread**  
803-004-01

### DIMENSIONS

Shell Size	A Max.		Ø B		C Thread	Ø D	
	In.	mm.	In.	mm.		In.	mm.
5	.402	10.21	.300	7.62	.2500-32 UNEF-2A	.230	5.84
6	.465	11.81	.362	9.19	.3125-32 UNEF-2A	.286	7.26
7	.500	12.70	.436	11.07	.4375-28 UNEF-2A	.390	9.91
8	.570	14.48	.508	12.90	.5000-28 UNEF-2A	.440	11.18
9	.652	16.56	.561	14.25	.5625-24 UNEF-2A	.500	12.70
10	.715	18.15	.635	16.13	.6250-24 UNEF-2A	.562	14.27
12	.805	20.45	.714	18.14	.6875-24 UNEF-2A	.650	16.51
14	.915	23.24	.865	21.97	.9375-20 UNEF-2A	.805	20.45

### ALTERNATE KEY POSITIONS

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

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

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