



# Series 804 Push-Pull Mighty Mouse Plug Connector

## 804-001 & 804-002 Ordering Information



### Quick Disconnect

These plugs snap securely into the receptacle housings and release with a simple pull.

### Two Keying Styles

A single master key provides fast mating in low-light situations, or specify three keys for more polarizing options.

### Two Shell Styles

Integral platform for shield attachment using the Band-Master™ ATS termination system, or an accessory thread for attaching a strain relief.

How To Order						
<b>Sample Part Number</b>	<b>804-001</b>	<b>-06</b>	<b>NF</b>	<b>9-19</b>	<b>S</b>	<b>A</b>
<b>Series (See Table I)</b>	<b>804-001</b> = Plug with Banding Platform <b>804-002</b> = Plug with Accessory Thread					
<b>Shell Style</b>	<b>-06</b> = Plug					
<b>Shell Material and Finish</b>	<b>C</b> = Aluminum / Black Anodize (Non-Conductive); RoHS Compliant <b>M</b> = Aluminum / Electroless Nickel; RoHS Compliant <b>MT</b> = Aluminum / Nickel-PTFE RoHS Compliant <b>NF</b> = Aluminum / Cadmium with Olive Drab Chromate <b>ZNU</b> = Aluminum / Zinc-Nickel with Black Chromate <b>Z1</b> = Stainless Steel / Passivated; RoHS Compliant					
<b>Shell Size - Insert Arrangement</b>	See Contact Arrangements Page G-2					
<b>Contact Type</b>	<b>Connector supplied without Crimp contacts</b> <b>A</b> = Pin, less contacts <b>B</b> = Socket, less contacts Contacts are supplied loose and not installed when supplied with connector. Coaxial contacts and non-standard signal contacts are ordered separately.	<b>Connector supplied with contacts</b> <b>P</b> = Pin Connector <b>S</b> = Socket Connector	<b>Connector Supplied with 30 AWG Crimp Barrel</b> <b>G</b> = Pin, Crimp <b>H</b> = Socket, Crimp			
<b>Polarization (See Table II)</b>	<b>Omit</b> = Single Master Key <b>A</b> = Normal <b>B</b> = Pos. B <b>C</b> = Pos. C <b>D</b> = Pos. D <b>E</b> = Pos. E <b>F</b> = Pos. F					

Table I: Series

<b>804-001</b> Plug with Banding Platform	<b>804-002</b> Plug with Accessory Thread

Table II: Key Positions

	Pos.	A°	B°
	A	150°	210°
	B	75°	210°
	C	95°	230°
	D	140°	275°
	E	75°	275°
	F	95°	210°

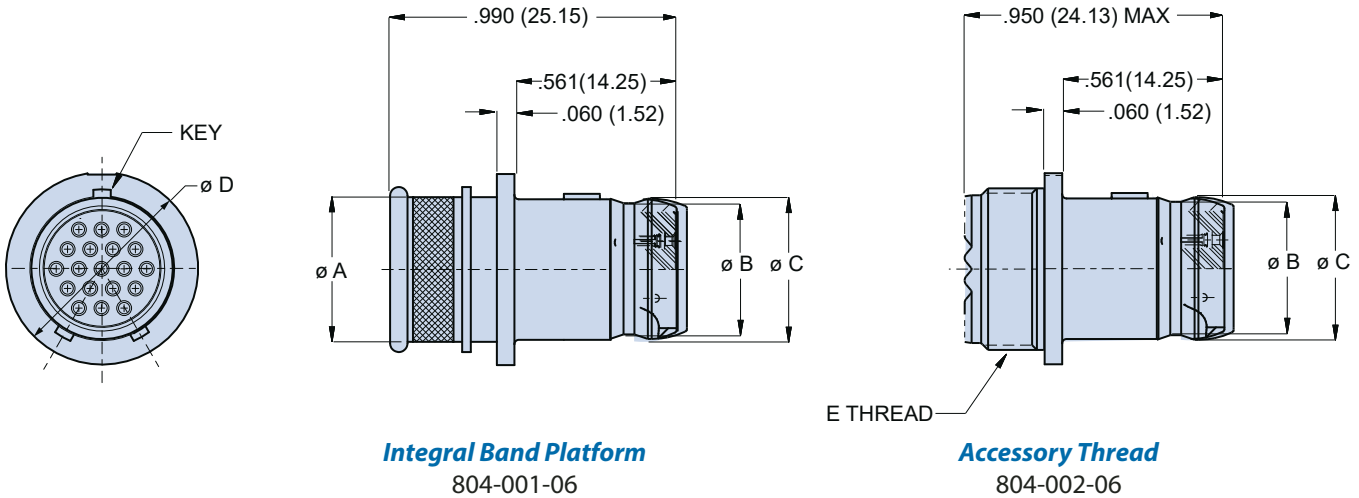
Dimensions in Inches (millimeters) are subject to change without notice.

**Series 804 Push-Pull Mighty Mouse  
Plug Connector**  
804-001-06 and 804-002-06 Dimensions



Series 804

**Plug connector**



**Integral Band Platform**  
804-001-06

**Accessory Thread**  
804-002-06

Dimensions					
Shell Size	Ø A	Ø B	Ø C	Ø D Max.	EThreads
5	.246 (6.25)	.219 (5.56)	.250 (6.35)	.427 (10.85)	.2500-32 UNEF-2A
6	.286 (7.26)	.282 (7.16)	.313 (7.95)	.495 (12.57)	.3125-32 UNEF-2A
7	.390 (9.91)	.351 (8.92)	.383 (9.73)	.575 (14.60)	.4375-28 UNEF-2A
8	.442 (11.23)	.398 (10.11)	.429 (10.90)	.614 (15.60)	.5000-28 UNEF-2A
9	.500 (12.70)	.454 (11.53)	.486 (12.34)	.670 (17.02)	.5625-24 UNEF-2A
10	.564 (14.33)	.529 (13.44)	.563 (14.30)	.745 (18.92)	.6250-24 UNEF-2A
11	.608 (15.44)	.587 (14.91)	.618 (15.70)	.795 (20.19)	.6875-24 UNEF-2A
12	.650 (16.51)	.646 (16.41)	.676 (17.17)	.865 (21.97)	.6875-24 UNEF-2A
14	.805 (20.45)	.768 (19.51)	.800 (20.32)	.985 (25.02)	.9375-20 UNEF-2A

**NOTES**

1. Contacts are size 23 crimp type, and used in a rear release retention system.
2. For additional insert arrangements consult factory
3. Crimp barrel accommodates 22, 24, 26 and 28 gage wire
4. Crimp Tool Data:
  - Crimp Frame: 809-015
  - Positioner for use with crimp frame: "Glenair part no. 809-005
  - Insertion / extraction tool: Glenair part no. 809-088
5. Connector, plug mates with all push/pull high density receptacle connectors with same polarization and opposite contact gender
6. Rear insulator grommet not supplied

**Material and Finish**

- Shell: aluminum alloy or CRES / see how to order table
- Insulator: LCP / N.A.
- Interfacial seal, gasket: fluorosilicone / N.A.
- Contact: copper alloy / gold plate per ASTM B 488, Type II, Code C, Class 1.25, over suitable underplate

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