



# 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

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

Table I: Series

|                                              |                                              |
|----------------------------------------------|----------------------------------------------|
|                                              |                                              |
| <b>804-001</b><br>Plug with Banding Platform | <b>804-002</b><br>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.

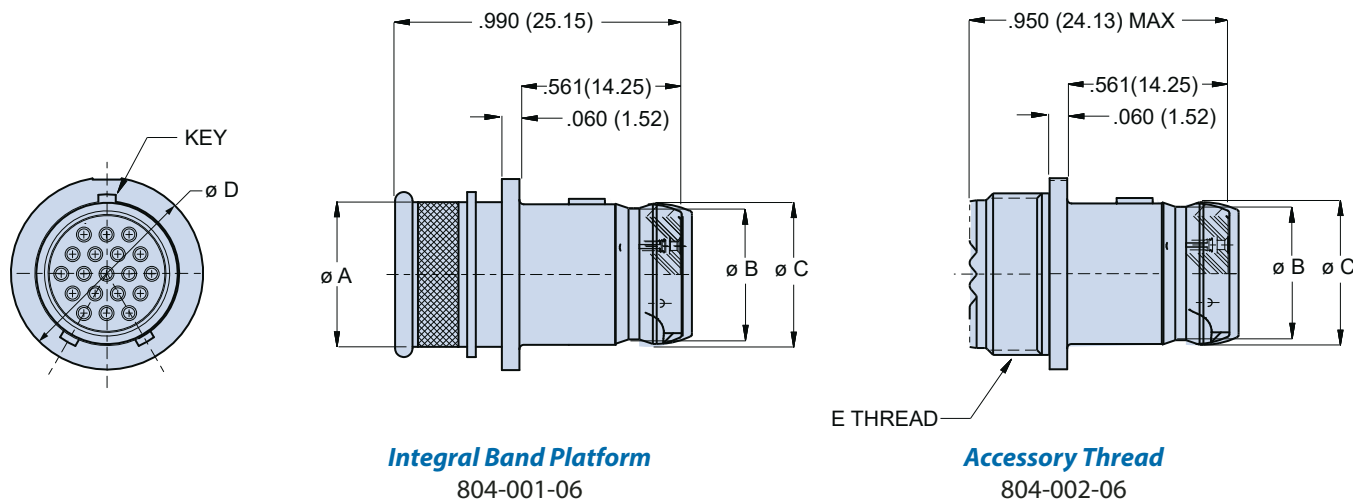
# Series 804 Push-Pull Mighty Mouse Plug Connector

804-001-06 and 804-002-06 Dimensions



Series 804

## Plug connector



| Dimensions |              |              |              |              |                  |
|------------|--------------|--------------|--------------|--------------|------------------|
| Shell Size | Ø A          | Ø B          | Ø C          | Ø D Max.     | E Threads        |
| 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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