

# SERIES 804 QDC PUSH-PULL Mighty Mouse Connectors and Cables



## Lanyard-Release Crimp Contact Plug with Accessory Threads



### Series 804 Lanyard-Release Plug

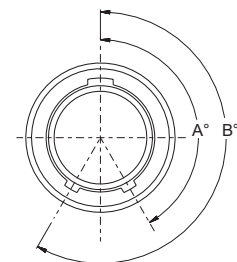
Quick-release lanyard-equipped series 804 plugs provide unparalleled performance wherever lanyard-assisted disengagement is required. Designed to provide quick disconnect of the connector plug with a simple axial pull on the lanyard. Includes rear accessory thread for attachment of backshells or adapters. Crimp contacts are copper alloy/gold plated. IP67 in the mated condition.

How To Order										
<b>Sample Part Number</b>	804-113 -06 M 6-7 P A 6									
<b>Series</b>	804-113 = 804 Push / Pull Plug with lanyard									
<b>Shell Style</b>	-06 = Plug with accessory thread									
<b>Shell Material and Finish</b>	<b>C</b> = Aluminum / Black Anodize (Non-Conductive) <b>M</b> = Aluminum / Electroless Nickel <b>MT</b> = Aluminum / Nickel-PTFE <b>NF</b> = Aluminum / Cadmium with Olive Drab Chromate <b>ZN</b> = Aluminum / Zinc-Nickel with Olive Drab Chromate <b>ZNU</b> = Aluminum / Zinc-Nickel with Black Chromate <b>Z1</b> = Stainless Steel / Passivated									
<b>Shell Size - Insert Arrangement</b>	Available in Shell Sizes 5 thru 14. See Contact Arrangements Page H-6									
<b>Contact Style</b>	<table border="0"> <tr> <td><b>Connector supplied without Crimp contacts</b></td> <td><b>Connector supplied with contacts</b></td> <td><b>Connector Supplied with 30 AWG Crimp Barrel</b></td> </tr> <tr> <td><b>A</b> = Pin Connector</td> <td><b>P</b> = Pin</td> <td><b>G</b> = Pin</td> </tr> <tr> <td><b>B</b> = Socket Connector</td> <td><b>S</b> = Socket</td> <td><b>H</b> = Socket</td> </tr> </table> <p>Connectors with contacts are supplied with crimp contacts. Contacts not installed. For coax contacts, order contacts separately and order connector without contacts.</p>	<b>Connector supplied without Crimp contacts</b>	<b>Connector supplied with contacts</b>	<b>Connector Supplied with 30 AWG Crimp Barrel</b>	<b>A</b> = Pin Connector	<b>P</b> = Pin	<b>G</b> = Pin	<b>B</b> = Socket Connector	<b>S</b> = Socket	<b>H</b> = Socket
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<b>Polarization (See Table I)</b>	<b>Omit</b> = Single Key (non polarized) <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									
<b>Lanyard Length</b>	<b>1</b> = 1 inch; Lanyard Length In Inches $\pm$ .500									
<b>Band Adapter</b>	Omit for none; <b>B</b> = Band Adapter 440MS134									

### NOTES

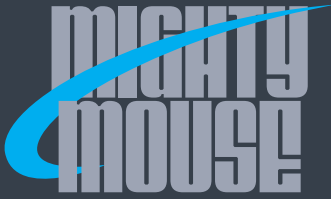
1. Contacts crimp type, and are used in a rear release retention system
2. Crimp barrel accommodates 22, 24, 26 and 28 gage wire
3. Crimp tool data:
  - Crimp frame: M22520/2-01
  - Positioner for use with crimp frame: Glenair part number 809-005
  - Insertion/extraction tool: Glenair part number 809-088
4. This connector, plug mates with all push/pull high density receptacle connectors with same polarization and opposite contact gender 804-0044, 804-004, 804-005, 804-006, and 804-114
5. Connector releases at 0° to 15°. 15° release force will vary

Table I: Key Positions



Position	A°	B°
<b>A</b>	150°	210°
<b>B</b>	75°	210°
<b>C</b>	95°	230°
<b>D</b>	140°	275°
<b>E</b>	75°	275°
<b>F</b>	95°	210°

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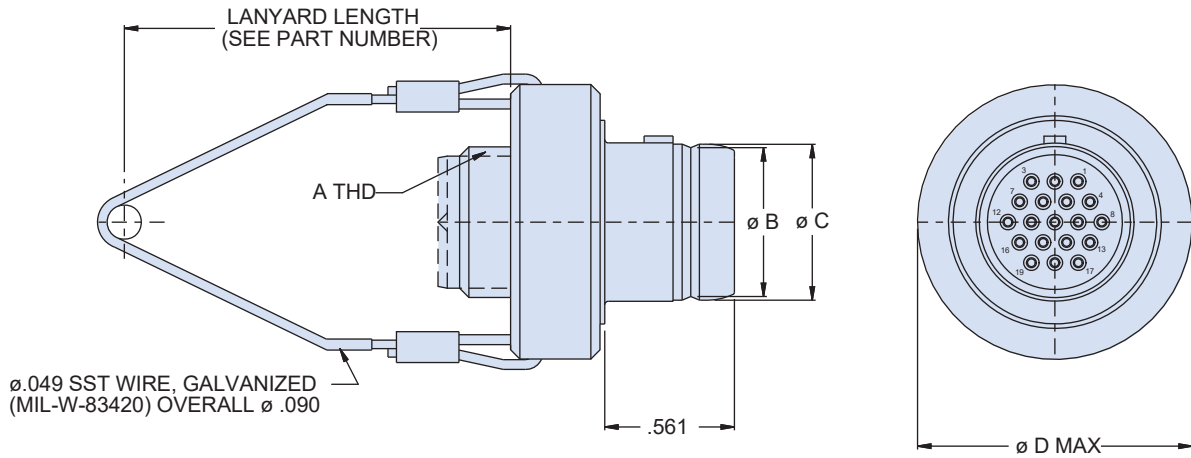


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Dimensions				
Shell Size	A Thread	ø B	ø C	ø D MAX
5	.250-32 UNEF	.219 (5.56)	.250 (6.35)	.812 (20.62)
6	.3125-32 UNEF	.282 (7.16)	.313 (7.95)	.875 (22.23)
7	.4375-28 UNEF	.351 (8.92)	.383 (9.73)	.938 (23.83)
8	.5000-28 UNEF	.398 (10.11)	.429 (10.90)	1.000 (25.40)
9	.5625-24 UNEF	.454 (11.53)	.486 (12.34)	1.062 (26.97)
10	.6250-24 UNEF	.529 (13.44)	.563 (14.30)	1.125 (28.58)
11	.6875-24 UNEF	.587 (14.91)	.618 (15.70)	1.188 (30.18)
12	.6875-24 UNEF	.646 (16.41)	.676 (17.17)	1.250 (31.75)
14	.9375-20 UNEF	.768 (19.51)	.800 (20.32)	1.375 (34.92)

### Material and Finish

- Shell: aluminum alloy or CRES/see how to order table
- Insulator: high grade rigid dielectric / N.A.
- Interfacial seal, grommet seal: 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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