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

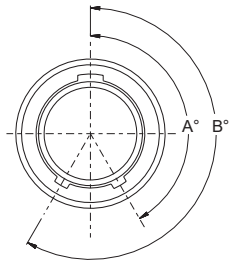
Sample Part Number	804-113	-06	M	6-7	P	A	6	

Series	**804-113** = 804 Push / Pull Plug with lanyard
Shell Style	**-06** = Plug with accessory thread
Shell Material and Finish	**C** = Aluminum / Black Anodize (Non-Conductive) **M** = Aluminum / Electroless Nickel **MT** = Aluminum / Nickel-PTFE **NF** = Aluminum / Cadmium with Olive Drab Chromate **ZN** = Aluminum / Zinc-Nickel with Olive Drab Chromate **ZNU** = Aluminum / Zinc-Nickel with Black Chromate **Z1** = Stainless Steel / Passivated
Shell Size - Insert Arrangement	Available in Shell Sizes 5 thru 14. See Contact Arrangements Page H-6
Contact Style	**Connector supplied without Crimp contacts**: **A** = Pin Connector; **B** = Socket Connector **Connector supplied with contacts**: **P** = Pin; **S** = Socket **Connector Supplied with 30 AWG Crimp Barrel**: **G** = Pin; **H** = Socket Connectors with contacts are supplied with crimp contacts. Contacts not installed. For coax contacts, order contacts separately and order connector without contacts.
Polarization (See Table I)	**Omit** = Single Key (non polarized) **A** = Normal **B** = Pos. B **C** = Pos. C **D** = Pos. D **E** = Pos. E **F** = Pos. F
Lanyard Length	**1** = 1 inch; Lanyard Length In Inches ±.500
Band Adapter	Omit for none; **B** = Band Adapter 440MS134

NOTES

1. Contacts crimp type, and are used ina 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



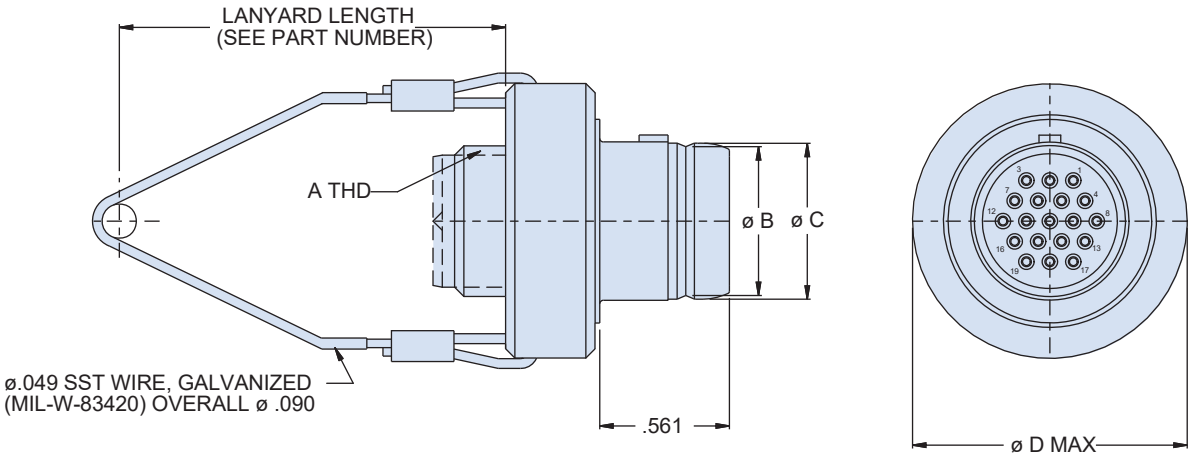
Position	A°	B°
A	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	95°	210°

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

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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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