

SERIES 803 BAYONET-LOCK Mighty Mouse Connectors and Cables



Plug with Banding Platform or Rear Accessory Threads and Crimp Contacts

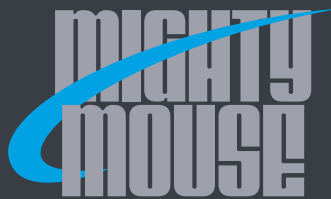


The compact size and rugged design of the Series 803 makes it suitable for light-to-medium duty applications where full water immersion is not required. Splash-proof design withstands exposure to rain and condensation. Bayonet coupling mechanism uses a rotating coupling nut on the plug and three integral bayonet pins on the receptacle. Push to mate, then rotate the coupling nut 90° to lock. Connector shells are machined aluminum or stainless steel. Supplied with crimp contacts, packaged separately. Terminate contacts with standard M22520 tools. Metal clips inside the connector body lock contact into place. Contacts are removable. Fluorosilicone seals and rear grommet protect connector from water ingress. Terminate cable shield directly to connector body with Band-Master ATS® strap, or choose rear accessory thread versions to attach optional cable clamps or backshells. Available in shell sizes 5 through 14 in 46 contact arrangements.

How To Order						
Sample Part Number		803-001	-06	NF	9-19	P N
Series (See Table I)	803-001 = Plug with Banding Platform 803-002 = Plug with Accessory Thread					
Shell Style	-06 = Plug					
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 UCR = Aluminum / Zinc-Cobalt with Black Chromate					
Shell Size - Insert Arrangement	See Contact Arrangements Page G-4					
Contact Type	Connector supplied with contacts P = Pin S = Socket Connectors with contacts are supplied with crimp contacts. Contacts not installed. For Coax contacts, order contacts separately and request pin or socket connector without contacts. El Ochoito Contacts are not available.		Connector supplied without contacts A = Pin Connector, less contacts B = Socket Connector, less contacts			
Polarization (See Table II)	N = Normal X = Pos. X Y = Pos. y Z = Pos. Z					

Table I: Series	
803-001 Plug with Banding Platform	803-002 Plug with Accessory Thread

Table II: Keyway Polarization		
Pos.	A°	B°
N	150°	210°
X	75°	210°
Y	95°	230°
Z	140°	275°



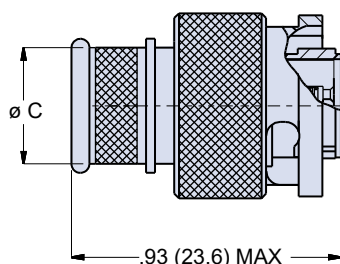
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Mighty Mouse Connectors and Cables

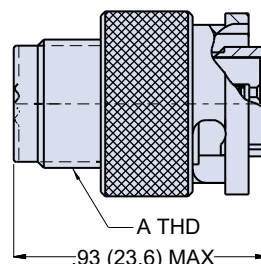


Plug with Banding Platform or Rear Accessory Threads and Crimp Contacts

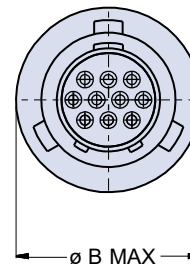
PLUG CONNECTOR



Integral Band Platform
803-001



Accessory Thread
803-002



Dimensions			
Shell Size	A Thread	Ø B Max	Ø C
5	.2500-32 UNEF-2A	.500 (12.70)	.245 (6.22)
6	.3125-32 UNEF-2A	.565 (14.35)	.290 (7.37)
7	.4375-28 UNEF-2A	.650 (16.51)	.390 (9.91)
8	.5000-28 UNEF-2A	.750 (19.05)	.440 (11.18)
9	.5625-24 UNEF-2A	.790 (20.07)	.500 (12.70)
10	.6250-24 UNEF-2A	.875 (22.23)	.562 (14.27)
12	.6875-24 UNEF-2A	.944 (23.98)	.650 (16.51)
14	.9375-20 UNEF-2A	1.095 (27.81)	.805 (20.45)

NOTES

1. Contacts are size 23 crimp type, and are 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: M22520/2-01
 - Positioner for use with crimp frame: Glenair part no. 809-005
 - Insertion tool: Glenair part no. 809-013
 - Extraction tool: Glenair part no. 809-007 (metal tweezers type tool)
5. Material and Finish
 - Shell, coupling nut, jam-nut: Aluminum alloy or CRES / see how to order table
 - Insulator: High Grade Rigid Dielectric / N.A.
 - Interfacial seal, grommet seal, O-ring: fluorosilicone / N.A.
 - Contact: copper alloy / gold plate per ASTM B 488m, Type II, Code C, Class 1.25, over suitable underplate