

SERIES 800 UN THREAD MATING

Mighty Mouse Connectors and Cables



Plug with Hex or Knurled Coupling, Crimp Contacts, Banding Porch, or Accessory Thread

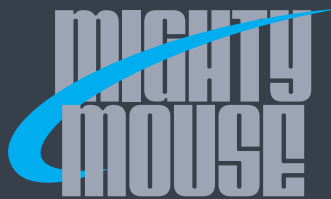


Smallest Mighty Mouse Connector features a compact size and rugged design for hostile environments. Connector shells are machined aluminum or stainless steel. Supplied with crimp contacts, packaged separately. Terminate contacts with standard M22520 tools. Metal clips inside the connector body lock contact into place and can be removed via the rear release retention system. Fluorosilicone seals and rear grommet protect connector from water ingress. Choose hex or knurled coupling nut. Terminate cable shield directly to connector body with Band-Master™ ATS strap, or choose rear accessory thread to attach optional cable clamp or backshell. Available in shell sizes 5 through 12 in 36 contact arrangements.

How To Order						
Sample Part Number	800-006	-06	M	6-7	P	N
Series (See Table I)	800-006 = Hex Plug with Banding Platform 800-007 = Hex Plug with Accessory Thread 800-008 = Plug with Band Platform 800-009 = Plug with Accessory Thread					
Shell Style	-06 = Standard Coupling Nut -16 = Coupling Nut with Anti-Decoupling Wave Spring					
Shell Material and Finish	C = Aluminum / Black Anodize (Non-Conductive) M = Aluminum / Electroless Nickel NF = Aluminum / Cadmium with Olive Drab Chromate ZNU = Aluminum / Zinc-Nickel with Black Chromate MT = Aluminum / Nickel-PTFE Z1 = Stainless Steel / Passivated					
Shell Size - Insert Arrangement	See Contact Arrangements page D-4					
Contact Type	Connector supplied with contacts P = Pin S = Socket Connectors with contacts are supplied with crimp contacts. Contacts not installed. For Coaxial contacts order contacts separately and request pin or socket connector without contacts. Connector supplied without contacts A = Pin Connector B = Socket Connector Connector supplied with 30 AWG contacts G = Pin H = Socket					
Shell Key Positions (See Table II)	N = Normal X = Pos. X Y = Pos. Y Z = Pos. Z					

Table I: Series			
800-006 Hex Plug with Banding Platform	800-007 Hex Plug with Accessory Thread	800-008 Knurled Plug with Band Platform	800-009 Knurled Plug with Accessory Thread

Table III: Keyway Positions (See Note 5 and 6)	
Shell Size 5 and 6	Shell Size 7 thru 12
Key Position	Key Rotation
N Normal	150°
X	140°
Y	130°
Z	120°

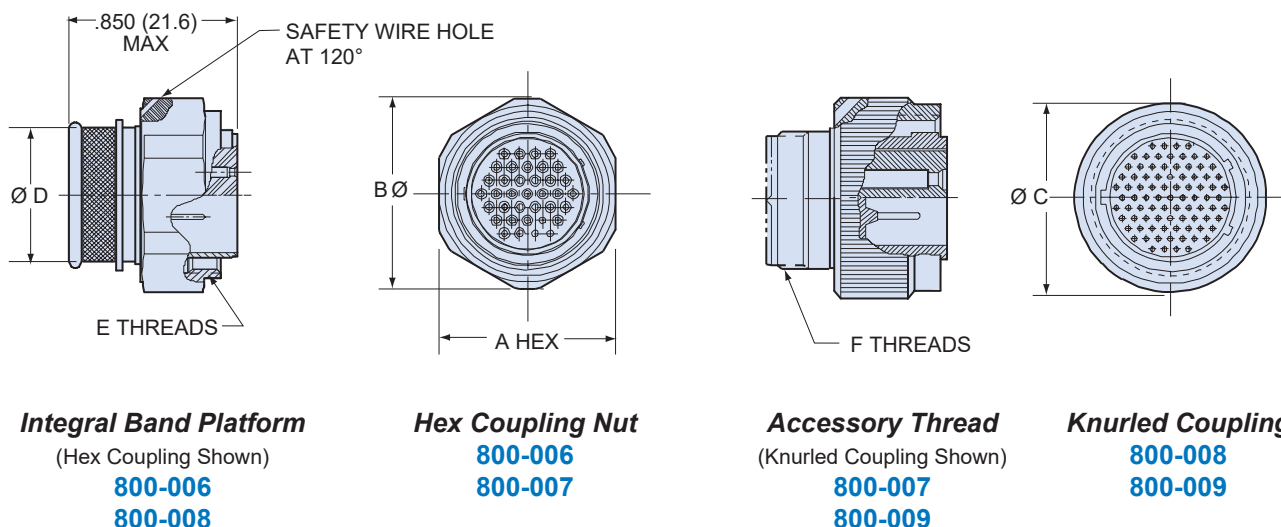


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Contacts, Banding Porch, or Accessory Thread

PLUG CONNECTOR WITH BANDING PORCH OR ACCESSORY THREADS



Dimensions									
Shell Size	Std Coupling Nut - Style 06			Coupling Nut with Wave Spring - Style 16			Ø D	E Threads Coupling Nut	F Threads Accessory
	A Hex	Ø B	Ø C	A Hex	B Ø	Ø C			
5	.430 (10.92)	.47 (11.94)	.43 (10.92)	.495 (12.57)	.54 (13.72)	.49 (12.45)	.230 (5.84)	.3125-28 UN-2B	.250-32 UNEF-2A
6	.500 (12.70)	.55 (13.97)	.50 (12.70)	.563 (14.30)	.62 (15.75)	.56 (14.22)	.286 (7.26)	.3750-28 UN-2B	.3125-32 UNEF-2A
7	.625 (15.88)	.68 (17.27)	.62 (15.75)	.720 (18.29)	.80 (20.32)	.68 (17.27)	.390 (9.91)	.4375-28 UNEF-2B	.4375-28 UNEF-2A
8	.680 (17.27)	.75 (19.05)	.68 (17.27)	.743 (18.87)	.83 (21.08)	.75 (19.05)	.445 (11.30)	.5000-32 UN-2B	.5000-28 UNEF-2A
9	.750 (19.05)	.83 (21.08)	.75 (19.05)	.813 (20.65)	.89 (22.61)	.81 (20.57)	.500 (12.70)	.5625-32 UN-2B	.5625-24 UNEF-2A
10	.812 (20.62)	.90 (22.86)	.81 (20.57)	.875 (22.23)	.96 (24.38)	.88 (22.35)	.565 (14.35)	.6250-32 UN-2B	.6250-24 UNEF-2A
12	.875 (22.23)	.97 (24.64)	.88 (22.35)	.938 (23.83)	1.03 (26.16)	.94 (23.88)	.650 (16.51)	.7500-28 UN-2B	.6875-24 UNEF-2A

NOTES

- Contacts are size 23 crimp type, and used in a rear release retention system
- Additional insert arrangements available, consult factory
- Crimp barrel accommodates 22, 24, 26 and 28 gage wire
- Crimp tool data:
 - Crimp frame: M22520/2-01
 - Positioner for use with crimp frame: Glenair P/N 809-005
 - Insertion tool: Glenair P/N 809-088
 - Extraction tool: Glenair P/N 809-088
- Shell sizes 5 thru 6: master key is located at top dead center (TDC) for normal (N) position.
- Shell size 7 thru 12: master key is rotated 90° from TDC for normal position
- Material / finish:
 - Shell: Aluminum Alloy or CRES / see How to Order Table
 - Coupling nut: aluminum alloy or CRES: see How to Order Table
 - Insulator: High Grade Rigid Dielectric
 - Interfacial seal, grommet seal: fluorosilicone or silicone
 - Contact: copper alloy / gold plate per ASTM B 488, Type II, Class 1.25, over a suitable underplate