



Series 801 Mighty Mouse *High-Speed* Double-Start ACME Threads Plug Connector 801-036 and 801-039 Ordering Information



Glenair Series 801 Mighty Mouse *High-Speed* connectors feature double-start modified stub ACME mating threads for improved protection against cross-mating and thread damage. Connector shells are machined aluminum or stainless steel. The connector is equipped with special PFA (Fluoropolymer) insulators and is optimized for use with high-speed differential wire such as our 963-001 cable. Five insert arrangements are offered with 4, 7, 10, 19 and 26 #23 AWG 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 to attach optional cable clamp or backshell.

How To Order

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Sample Part Number		801-036	-16	M	7-10	P	A
Series (See Table I)	801-036 = Banding Platform 801-039 = Rear Accessory Thread						
Shell Style	-16 = Plug with Anti-Decoupling Spring -26 = Self-Locking Plug with Ratchet Mechanism						
Shell Material and Finish	M = Aluminum / Electroless Nickel RoHS Compliant NF = Aluminum / Cadmium with Olive Drab Chromate ZNU = Aluminum / Zinc-Nickel with Black Chromate MT = Aluminum / Nickel-PTFE RoHS Compliant Z1 = Stainless Steel / Passivated RoHS Compliant						
Shell Size - Insert Arrangement (See Table II)	6-4, 6-7, 7-10, 9-19, 10-26						
Contact Type	Connector supplied with contacts P = Pin S = Socket Connectors with contacts are supplied with signal and/or power crimp contacts. These contacts are not installed. Coaxial contacts and non-standard signal contacts are ordered separately. Connector supplied without contacts A = Pin Connector, less contacts B = Socket Connector, less contacts						
Shell Key Positions (See Table II)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. F F = Pos. F						

Table I: Series

801-036 Plug with Banding Platform	801-039 Plug with Accessory Thread

Table II: Shell Size – Insert Arrangement

6-4	6-7	7-10	9-19	10-26

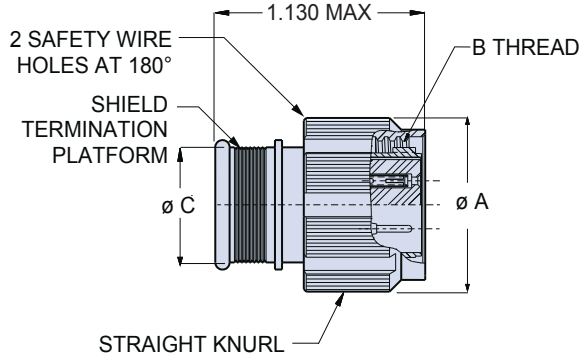
Dimensions in Inches (millimeters) are subject to change without notice.

Series 801 Mighty Mouse *High-Speed* Double-Start ACME Threads 801-036 and 801-039 Dimensions

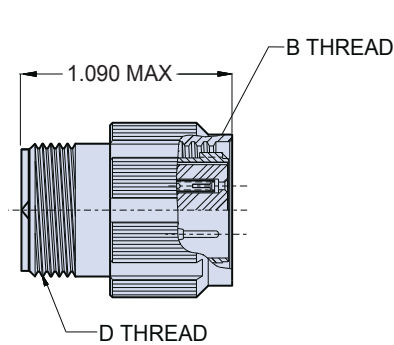


Series 801
High-Speed

Plug with anti-decoupling spring or self-locking mechanism - shell style 16 & 26



Integral Band Platform
801-036



Accessory Thread
801-039

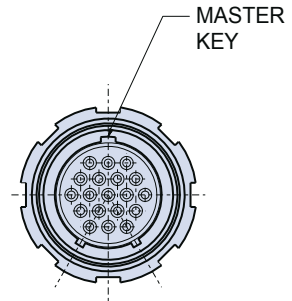
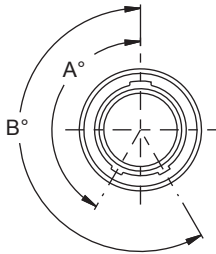


Table III: Shell Key Positions



Key Position	Key Rotation	
	A°	B°
Normal (A)	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	95°	210°

Dimensions

Shell Size	Style 16		Style 26		B Thread	Ø C		D Thread UNEF-2A
	Ø A		Ø A			In.	mm.	
	In.	mm.	In.	mm.				
6	.60	15.2	.70	17.8	.3750-.05P-1L-2B	.290	7.4	.3125-32
7	.69	17.5	.79	20.1	.4375-.05P-1L-2B	.390	9.9	.4375-28
9	.81	20.6	.92	23.4	.5625-.05P-1L-2B	.500	12.7	.5625-24
10	.88	22.4	.98	24.9	.6250-.05P-1L-2B	.560	14.2	.6250-24

Material and Finish

- Plug Barrel, Coupling Nut: Aluminum Alloy or Stainless Steel
- Insulator: PFA
- Interfacial Seal, Grommet Seal: Fluorosilicone
- Contact: Copper Alloy, 50 Microinch Gold Plated per ATSM B 488, Type II, Code C, Class 1.25 (.00005 minimum thickness), over a suitable underplate.

Dimensions in Inches (millimeters) are subject to change without notice.

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