



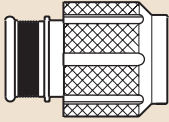
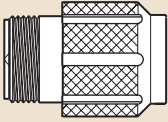
Series 805 Mighty Mouse High-Speed Triple-Start ACME Threads Plug Connector

805-020 and 805-021 Ordering Information



Glenair Series 805 Mighty Mouse High-Speed connectors feature Triple-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 band, or choose rear accessory thread to attach optional cable clamp or backshell.

How To Order						
Sample Part Number	805-020	-16	M	9-10	P	A
Series (See Table I)	805-020 = With Banding Platform 805-021 = With Accessory Thread					
Shell Style	-16 = Plug					
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	8-4, 8-7, 9-10, 11-19, 12-26 (See Page R-3)					
Contact Type	Connector supplied with contacts P = Pin S = Socket	Connector supplied without contacts A = Pin Connector, less contacts B = Socket Connector, less contacts	Connector supplied with 30 AWG Crimp Barrel G = #23 Pin H = #23 Socket			
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	
	
805-020 Plug with Banding Platform	805-021 Plug with Accessory Thread

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

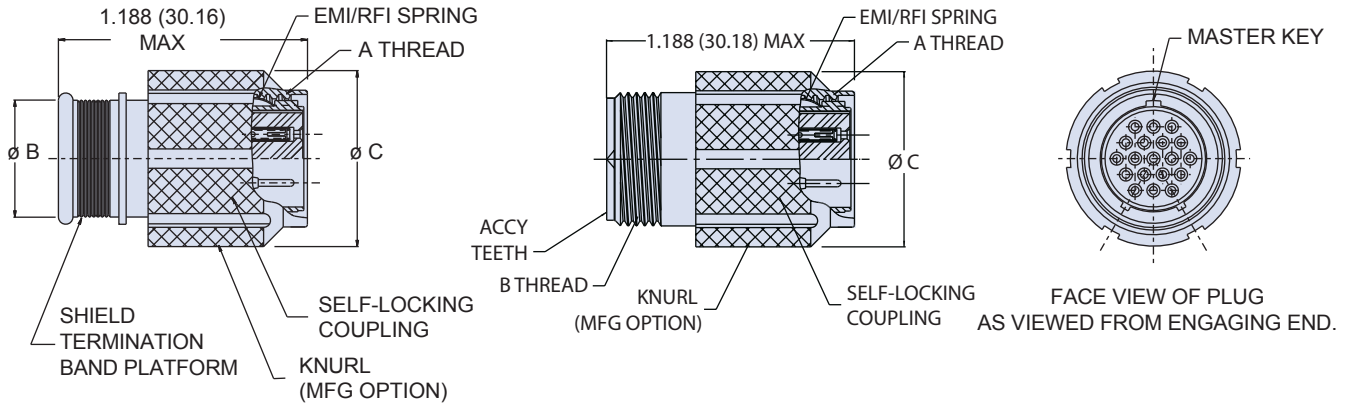
Series 805 Mighty Mouse High-Speed Triple-Start ACME Threads Plug Connector

805-020 and 805-021 Dimensions



Series 805
High-Speed

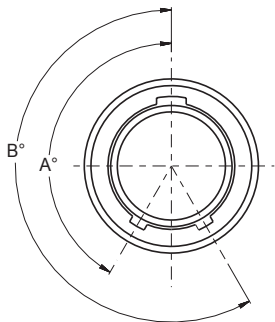
Inline cable plug - shell style 16



Integral Band Platform
805-020-16

Accessory Thread
805-021-16

Table II: 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	A Thread	B Thread	ø B	ø C
8	.5000-1P-3L-TS-2B	.3750-32 UNEF-2A	0.316	0.692
9	.5625-1P-3L-TS-2B	.4375-28 UNEF-2A	0.397	0.789
11	.6875-1P-3L-TS-2B	.5625-24 UNEF-2A	0.519	0.918
12	.7500-1P-3L-TS-2B	.6250-24 UNEF-2A	0.585	0.984

NOTES

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 Min thk), over a suitable underplate
- EMI/RFI spring: beryllium copper/nickel plated

R

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