

Series 805 Mighty Mouse Triple-Start Plug

805-001 and 805-002 Ordering Information



Fiber Optic
Mighty Mouse



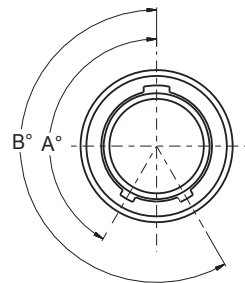
Glenair's Series 805 Mighty Mouse connectors feature a spring mechanism in the coupling nut that locks into radial teeth on the plug barrel. This feature allows the Series 805 to stay mated even when under high vibration, without the need for safety wire or torque tools. Connector shells are machined aluminum or stainless steel, and are designed to accommodate (depending on insert arrangement) Glenair size 16 or 20HD fiber optic termini (termini sold separately.) Metal clips inside the connector body lock the termini into place. Termini are removable. Fluorosilicone seals and rear grommet protect the connector from water ingress. Choose hex or knurled coupling nut. Terminate cable shield directly to connector body with Band-Master™ strap, or choose rear accessory thread to attach optional backshell. 18 insert arrangements available for shell sizes 8 through 23.

How To Order						
Sample Part Number	805-001	-16	M	8-4	P	A
Series (See Table I)	805-001 = Plug with Banding Platform 805-002 = Plug with Accessory Thread					
Shell Style	-16 = Plug Connector with Ratcheting Anti-Decoupling Mechanism					
Shell Material and Finish	C = Aluminum / Black Anodize (Non-Conductive); RoHS Compliant M = Aluminum / Electroless Nickel; RoHS Compliant MT = Aluminum / Nickel-PTFE RoHS Compliant 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; RoHS Compliant					
Shell Size - Insert Arrangement	See Contact Arrangements Page W-3, W-6					
Contact Type	Connector supplied without termini. Please indicate pin or socket. A = Pin Connector, less termini B = Socket Connector, less termini					
Shell Key Positions (See Table II)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F					

W

Table I: Series	
805-001 Plug with Banding Platform	805-002 Plug with Accessory Thread

Table II: 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°

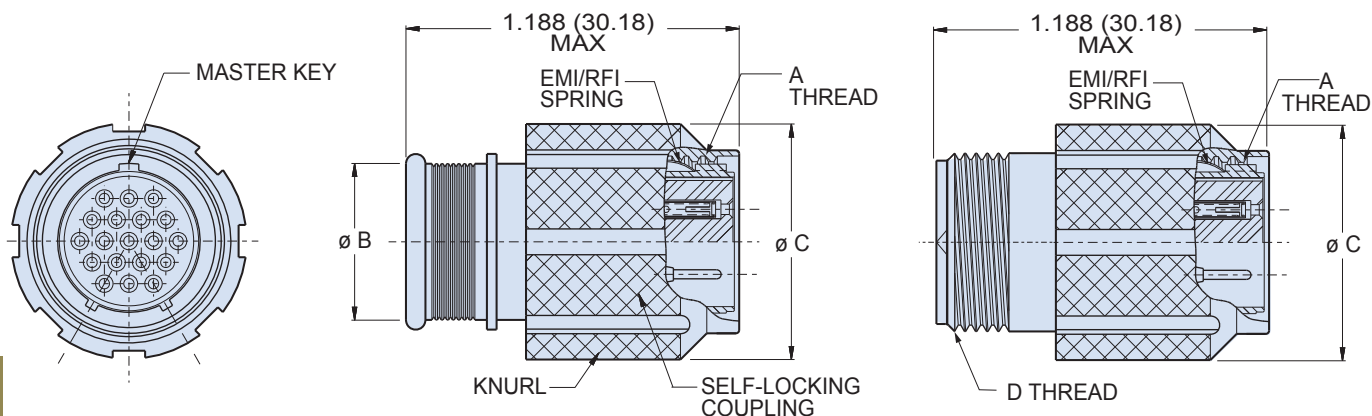


Dimensions in Inches (millimeters) are subject to change without notice.



Series 805 Mighty Mouse Triple-Start Plug

805-001-16 and 805-002-16 Dimensions



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Dimensions

Shell Size	A Threads	Ø B		Ø C		D Threads Accessory
		In.	mm.	In.	mm.	
8	.5000-1P-.3L-TS-2B	.317	8.05	.691	17.55	.3750-32 UNEF-2A
9	.5625-1P-.3L-TS-2B	.397	10.08	.787	19.99	.4375-28 UNEF-2A
10	.6250-1P-.3L-TS-2B	.473	12.01	.826	20.98	.5000-28 UNEF-2A
11	.6875-1P-.3L-TS-2B	.519	13.18	.916	23.27	.5625-24 UNEF-2A
12	.7500-1P-.3L-TS-2B	.585	14.86	.982	24.94	.6250-24 UNEF-2A
15	.9375-1P-.3L-TS-2B	.687	17.45	1.097	27.86	.7500-20 UNEF-2A
18	1.1250-1P-.3L-TS-2B	.884	22.45	1.290	32.77	.9375-20 UNEF-2A
19	1.1875-1P-.3L-TS-2B	.884	22.45	1.310	33.27	.9375-20 UNEF-2A
23	1.4375-1P-.3L-TS-2B	1.135	28.83	1.562	39.67	1.1875-18 UNEF-2A

Performance Specifications

Operating Temperature	-55° C. to +150° C.
Immersion, Mated	MIL-STD-810 Method 512. One Meter for One Hour.
EMI	65 dB Minimum from 1 GHz. to 10 GHz.

Materials and Finishes

Connector Shell	Aluminum or Stainless Steel
Insulator	High grade rigid dielectric
Seals	Fluorosilicone Rubber, Blue
Contact Retainer Clip	Copper alloy, Unplated

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