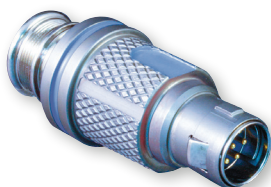




Series 824

Locking Push-Pull Mighty Mouse Plug

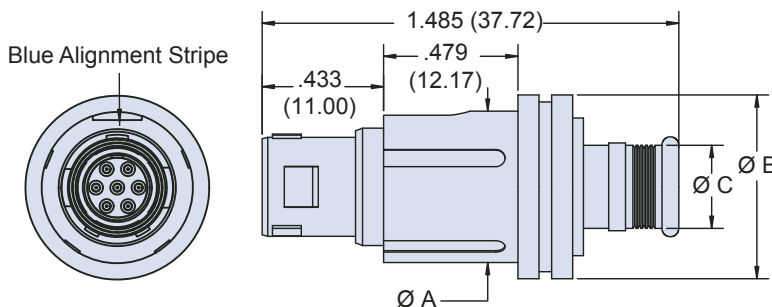
824-001 Ordering Information



Series 824 Locking Push/Pull Plug Connector mates and locks with a straight push. To demate connectors release locking mechanism by pulling back on release ring. Rugged locking mechanism withstands 50 pound (223 N) pull force. Aluminum shell, high-grade rigid dielectric insulators, gold-plated copper alloy contacts, copper alloy locking mechanism, fluorosilicone O-ring and wire seal. The Series 824 is ideal for sensors, chargers, vision systems and weaponry where accidental connector disengagement is not an option. Supplied with contacts packaged separately. Contacts are crimp type, snap-in, rear release. Series 824 connectors are compatible with standard Mighty Mouse tools and accessories.

How To Order

How To Order							
Sample Part Number		824-001	-06	M	6-7	P	A
Series	824-001 = Locking Push-Pull plug with shield termination platform						
Shell Style	-06 = In-Line Cable Plug						
Shell Material and Finish	ME = Aluminum / Electroless Nickel; RoHS Compliant						
	MT = Aluminum / Nickel-PTFE RoHS Compliant						
	C = Aluminum / Electroless Nickel						
	NF = Aluminum / Cadmium with Olive Drab Chromate						
	ZN = Aluminum / Zinc-Nickel with Olive Drab over Electroless Nickel						
	ZNU = Aluminum / Zinc-Nickel with Black over Electroless Nickel						
Shell Size - Insert Arrangement	See page G-3						
Contact Type	Connector supplied with Crimp contacts		Connector supplied without contacts		Connector Supplied with 30 AWG Crimp Barrel		
	P = Pin		A = Pin Connector, less contacts		G = #23 Pin		
	S = Socket		B = Socket Connector, less contacts		H = #23 Socket		
Polarization (See Table I)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F						



G

Table I: Alternate Key Positions

Pos.	Size 5 - 8		Size 9 - 12	
	A°	B°	A°	B°
A	150°	210°	140°	220°
B	45°	210°	30°	220°
C	45°	230°	30°	250°
D	140°	315°	110°	330°
E	150°	315°	140°	330°

Dimensions

Shell Size	Ø A		Ø B		Ø C	
	in	mm	in	mm	in	mm
5	0.487	12.37	0.609	15.47	0.230	5.84
6	0.539	13.69	0.661	16.79	0.296	7.52
7	0.614	15.60	0.736	18.69	0.390	9.91
8	0.679	17.25	0.801	20.35	0.436	11.07
9	0.742	18.85	0.864	21.95	0.493	12.52
10	0.807	20.50	0.929	23.60	0.570	14.48
12	0.934	23.72	1.056	26.82	0.683	17.35

Rev 112017

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

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Series 80 Mighty Mouse

U.S. CAGE Code 06324

Printed in U.S.A.

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