SERIES 824

Mighty Mouse

LOCKING PUSH-PULL CONNECTORS

Introducing the new Mighty Mouse Series 824 Locking Push-Pull Connector: all the familiar size, weight and performance advantages of the industry-standard Mighty Mouse 804 push-pull connector with a revolutionary low-profile locking coupling mechanism. Glenair's primary design goal in the development of the locking 824 was to bring mil-spec caliber connector performance to locking push-pull applications. The Series 824 Locking Push-Pull provides superior sealing, excellent EMI protection, low-profile ergonomic mating and demating, and easy crimp contact termination. The locking push-pull mechanism delivers visual, tactile, and audible mating confirmation under even the most extreme field conditions. Built for long-term durability and reduced size and weight, the high-density Series 824 Locking Push-Pull connector far surpasses commercial caliber push-pull connectors.

Specifications			
Current Rating	#23 5 AMPS, #16 13 A., #12 23 A.		
Dielectric Withstanding Voltage	#23 500 VAC RMS, #12 and #16 1800 VAC RMS		
Insulation Resistance	5000 megohms minimum		
Operating Temperature	-65° C to +150° C		
Shock / Vibration	100 g / 16 g		
Shell-to-Shell Resistance, Nickel Plated	2 milliohms maximum		
Durability	500 mating cycles		
Breakaway Force	50 pounds minimum		

Gold plated crimp contacts for #12 to #30 AWG wire



SERIES 824 Mighty Mouse LOCKING PUSH-PULL CONNECTORS

	How To Order Series 824 Locking Pu	ush-Pu
Sample Part Number		82
Product Series	824-001 Mighty Mouse Locking Push-Pul with integrated shield termination platfor	
Shell Style	-06 - Plug	
Shell Material/Finish	See Table II	
Shell Size/Contact Arrangement	See Table I	
Contact Type		Conne <mark>A</mark> - Pin
Shell Key Position	Omit for single polarizing key. A (normal),	B , C , D
	P - Pin S - Socket	A - Pi

	How To Order Series 824 Locking Push-P	ull Re	
ample Part Number		82	
Product Series	824-003 Mighty Mouse Locking Push-Pull c receptacle with integrated shield termination		
hell Style	-01 - In-Line -07 - Rear-Panel Jam Nut Mou -00 - Front-Panel Jam Nut Mount	Int	
hell Material/Finish	See Table II		
Shell Size/Contact Arrangement	See Table I		
Contact Type		onneo - Pin	
hell Key Position	Omit for single polarizing key. A (normal), B, C, D,		

- Fast mating, quick-release coupling mechanism
- 31 insert arrangements
- Integrated cable shield termination platform



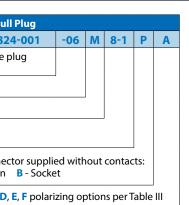
For more information contact Glenair at 818-247-6000 or visit our website at www.glenair.com

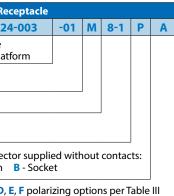
Table III: Alternate Key Positions				
Position	A°	B°		
Α	150°	210°		
В	45°	210°		
с	45°	230°		
D	140°	315°		
E	150° 315°			
B° A°				

м	Aluminum/Electroless Nickel RoHS Compliant
NF	Aluminum/Cadmium with Olive Drab Chromate
ZR	Aluminum/Zinc-Nickel with Non-Reflective Black Chromate RoHS Compliant
мт	Aluminum/Nickel-PTFE RoHS Compliant
Z 1	Stainless Steel/Passivated RoHS Compliant

MATERIAL/FINISH

Barrel: Copper Alloy Shell/Release Sleeve: Aluminum Alloy or CRES Insulators: Liquid Crystal Polymer Interfacial Seal, O-Ring, Grommet: Fluorosilicone Contacts: Copper Alloy/Gold over Nickel Plating Spring: CRES/Gold Plated





No.Vo.Vo.Arr.#20#20HD#16#125-334240116-143116-2344346-44411016-6611116-77441171745117-101051117-101042118-20421118-20421119-41341119-4421119-50421119-210421119-210421119-210421119-210421119-210421119-21041119-210421119-210411119-210411119-210821119-210821119-210111119-21011111 </th <th colspan="5">Table I: Contact Arrangements</th>	Table I: Contact Arrangements					
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