

Series 801 Mighty Mouse Double-Start ACME Threads Sav-Con® Connector Saver Ordering Information

801-017



Series 801



801-017 Sav-Con®

Glenair Sav-Con® Connector Savers are designed to protect connectors that are subject to repeated mating and unmating cycles. Sav-Con® Connector Savers prevent costly repair or replacement of expensive connectors while preserving the quality and integrity of the connector by absorbing connect and disconnect abuse.

Protect Equipment

Equipment connectors that are mated frequently during manufacturing, test, check-out phases and environmental test programs can be protected by Glenair Sav-Con® Connector Savers.

Prolong the Service Life of Test Cables

Glenair Sav-Con® Connector Savers mated to test-cable connectors take the punishment of repetitive matings and unmatings.

HOW TO ORDER SERIES 801 SAV-CON® CONNECTORS

Sample Part Number

801-017	Z1	13-37	P	A
Series	Shell Material / Finish	Shell Size- Insert Arrangement	Contact Type	Shell Key Position
801-017 Series 801 Connector Saver	<p>C Aluminum / Black Anodize (Non-Conductive) RoHS Compliant</p> <p>M Aluminum / Electroless Nickel RoHS Compliant</p> <p>NF Aluminum / Cadmium with Olive Drab Chromate</p> <p>ZN Aluminum / Zinc-Nickel with Olive Drab Chromate</p> <p>ZNU Aluminum / Zinc-Nickel with Black Chromate</p> <p>MT Aluminum / Nickel-PTFE RoHS Compliant</p> <p>Z1 Stainless Steel / Passivated RoHS Compliant</p>	SEE CONTACT ARRANGEMENTS PAGE D-2	<p>P Pin Contact on Plug Side, Socket Contact on Receptacle Side</p> <p>S Socket Contact on Plug Side, Pin Contact on Receptacle Side</p>	<p>A Position A (Normal)</p> <p>B Position B</p> <p>C Position C</p> <p>D Position D</p>

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

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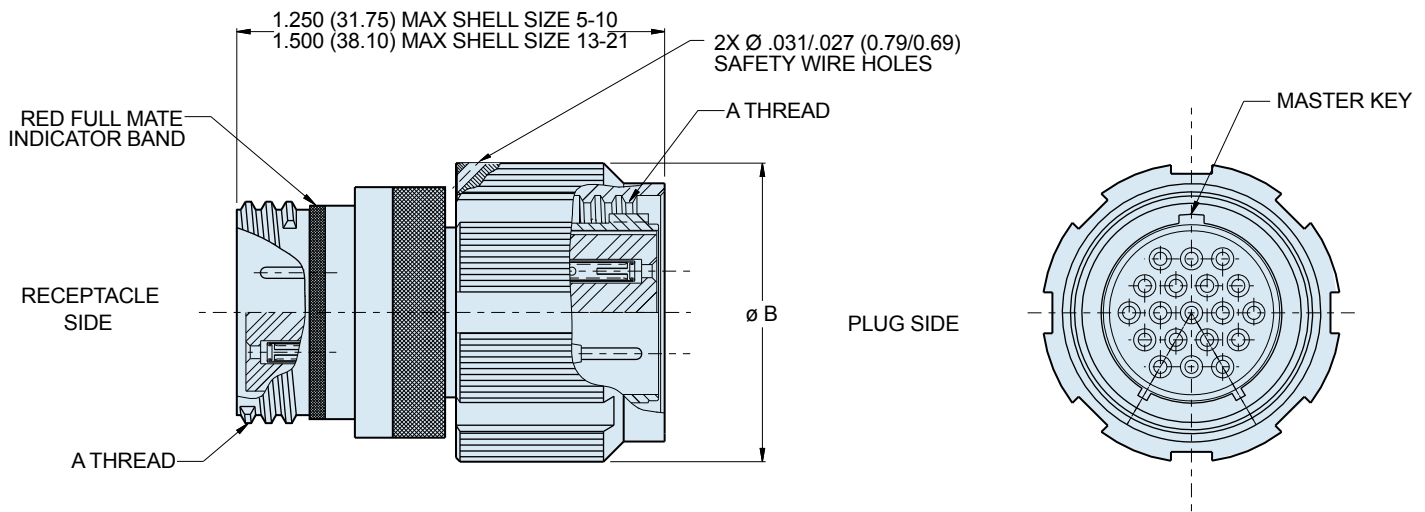
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DIMENSIONS

Shell Size	A Threads	Ø B	
		In.	mm.
5	.3125-.05P-.1L-2	.540	13.72
6	.375-.05P-.1L-2	.600	15.24
7	.4375-.05P-1L-2	.680	17.27
8	.5000-.05P-1L-2	.750	19.05
9	.5625-.05P-.1L-2	.810	20.57
10	.6250-.05P-1L-2	.880	22.35
13	.8125-.1P-.2L-2	1.050	26.67
16	1.000-.1P-.2L-2	1.240	31.50
17	1.062-.1P-.2L-2	1.300	33.02
21	1.3125-.1P-.2L-2	1.550	39.37

SPECIFICATIONS

Current Rating	#23 5 AMPS, #20HD 7.5 A., #16 13 A., #12 23 A.
Dielectric Withstanding Voltage	#23 500 VAC RMS, #20HD 750 VAC, #12 and #16 1800 VAC
Insulation Resistance	5000 megohms minimum
Operating Temperature	-55° C. to +150° C.
Shock	300 g.
Vibration	37 g.
Shielding Effectiveness	55 dB minimum from 100MHz to 1000MHz.
Magnetic Permeability	2.0 µ maximum
Durability	2000 mating cycles

MATERIALS AND FINISHES

Shells, Jam Nuts	Aluminum alloy or stainless steel
Contacts	Copper alloy, 50 µinch gold plated
Insulators	Liquid crystal polymer (LCP)
Seal	Fluorosilicone rubber
See Series 80 General Information for complete material and finish specs.	

SERIES 801 KEY POSITIONS

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

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