

SERIES 89 NANOMINIATURE Dual-Row Rectangular Connectors



891-016 Sav-Con® Connector Saver

DUAL-ROW RECTANGULAR CONNECTORS



Glenair Connector Savers protect expensive connector contacts with Glenair Connector Savers. Once installed this device will reduce wear on vital contacts and eliminate downtime due to fouled or damaged connectors.

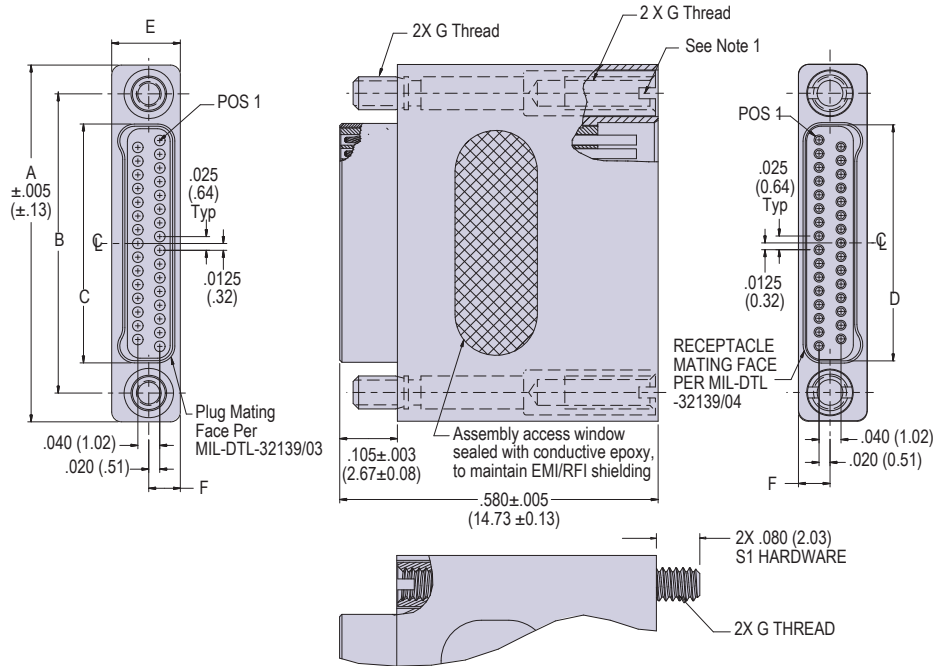
HOW TO ORDER				
Sample Part Number	891-016	-31	US	P1
Series	891-016 = Dual-Row Connector Saver			
Number of Contacts	9, 15, 21, 25, 31, 37, 41, 51, 65, 69, 85, 91			
Connector Type	US = Plug to Socket One Piece Shell			
Hardware	P1 = Permanently Installed Jackscrew/Jackpost Male Thread on Plug Side S1 = Permanently installed Jackscrew/Jackpost Male Thread on Receptacle Side			

NOTES

- Jack post head has a slot drive. Use slotted blade miniature screwdriver. #0-80 Blade tip .018" Thick x .080" Wide. #2-56 Blade tip .025" Thick x .105" wide. Jackscrew/jackpost recommended torque: #0-80 0.5 - 1.0 in-lbs, #2-56 0.75 - 1.5 in-lbs.
- Aluminum shell, electroless nickel plated

PERFORMANCE SPECIFICATIONS

Contact Spacing: .025" (0.64) contact centers
Current Rating: 1 AMP maximum tested per EIA-364-70
DWV: 250 VAC RMS sea level, 100 VAC RMS 70,000 feet per EIA-364 Procedure 20
Insulation Resistance: 5000 Megohms minimum test voltage 100 VDC, per EIA-364 Procedure 21
Operating Temperature: -55° C. to +125° C.
Contact Resistance: 71 millivolt drop maximum, 1 AMP current, any catalog supported wire type
Vibration: 20 g's, IAW EIA-364-28, Condition IV
Shock: 100 g's, IAW EIA-364-27, Condition G
Durability: 200 mating cycles per test procedure EIA-364-09
Corrosion Resistance: 48 hours salt spray IAW EIA-364-26, Condition B
Humidity: 240 hours, IAW EIA-364-31, Test Condition B
Contact Engaging/Separation Force: 5 ounce maximum, 0.4 ounce minimum
Thermal Vacuum Outgassing: Total mass loss (TML) 1.0% max., volatile condensable material (VCM) 0.1% max. IAW ASTM E595



DIMENSIONS

Size	A	B Bsc	C Bsc	D Bsc	E	F	G Thrd
9	.375 (9.52)	.270 (6.86)	.160 (4.06)	.163 (4.14)	.125 (3.18)	.0575 (1.46)	#0-80 UNF
15	.450 (11.43)	.345 (8.76)	.235 (5.97)	.238 (6.05)	.125 (3.18)	.0575 (1.46)	#0-80 UNF
21	.525 (13.34)	.420 (10.67)	.310 (7.87)	.313 (7.95)	.125 (3.18)	.0575 (1.46)	#0-80 UNF
25	.575 (14.60)	.470 (11.94)	.360 (9.14)	.363 (9.22)	.125 (3.18)	.0575 (1.46)	#0-80 UNF
31	.650 (16.51)	.545 (13.84)	.435 (11.05)	.438 (11.13)	.125 (3.18)	.0575 (1.46)	#0-80 UNF
37	.725 (18.42)	.620 (15.75)	.510 (12.95)	.513 (13.03)	.125 (3.18)	.0575 (1.46)	#0-80 UNF
41	.775 (19.68)	.670 (17.02)	.560 (14.22)	.563 (14.30)	.125 (3.18)	.0575 (1.46)	#0-80 UNF
51	.900 (22.86)	.795 (20.19)	.685 (17.40)	.688 (17.48)	.125 (3.18)	.0575 (1.46)	#0-80 UNF
65	1.075 (27.30)	.970 (24.64)	.860 (21.84)	.863 (21.92)	.125 (3.18)	.0575 (1.46)	#0-80 UNF
69	1.125 (28.58)	1.020 (25.91)	.910 (23.11)	.913 (23.19)	.125 (3.18)	.0575 (1.46)	#0-80 UNF
85	1.377 (34.98)	1.246 (31.65)	1.110 (28.19)	1.113 (28.27)	.150 (3.81)	.0700 (1.78)	#2-56 UNC
91	1.452 (36.88)	1.321 (33.55)	1.185 (30.10)	1.188 (30.18)	.150 (3.81)	.0700 (1.78)	#2-56 UNC