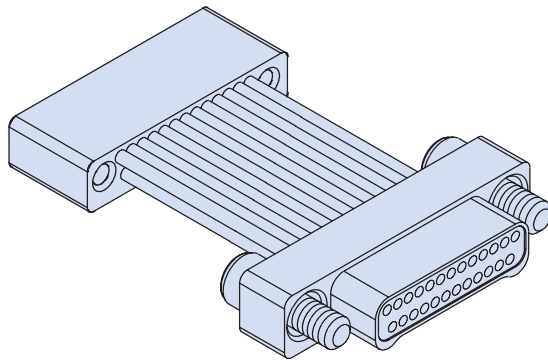


891-005
Series 89 Nanominiature Connectors
Double Row Back-To-Back



Double Row Connectors



Glenair's Back-To-Back Nano Connectors feature gold alloy TwistPin contacts. Contacts are precision-crimped to insulated, stranded wire. These nanominiature connectors offer premium performance and reliability for demanding applications. Contact spacing is .025 inches. 1 amp current rating, DWV rating 300 volts AC. Wire gages #30 and #32 AWG.

TwistPin Contact System assures premium performance in demanding environments. The gold/platinum alloy contacts will stand up to years of exposure without corrosion.

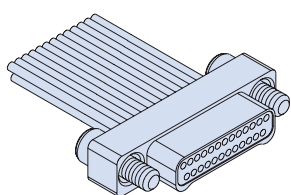
HOW TO ORDER DOUBLE ROW BACK-TO-BACK JUMPERS

Series	Number of Contacts	Connector Type	Shell Material and Finish	Wire Gage	Wire Type	Wire Color Code	Length Inches	Hardware
891-005 Back-To-Back Cables, Double Row, Nanominiature	9	GP	A1	0	A	1	Overall Length In Inches Including Connectors Example: "12" specifies 12 inches OAL	JJ = Jackscrews on both ends (GP, GS, CS) JT = Jackscrews on plug, threaded holes on receptacle (CS) JP = Jackscrews on plug, threaded holes on plug (GP)(*See Note Below) TJ = Jackscrews on receptacle, threaded holes on plug (CS)(*See Note Below) JR = Jackscrews on receptacle, threaded holes on receptacle (GS) TT = Threaded holes both ends (GP, GS, CS)(*See Note Below) * Specify titanium or stainless steel shells when ordering plugs with female threads.
	15	Plug (Pin) Connector on Both Ends	Aluminum Shell, Cadmium Plating	#30 AWG	Ultralightweight XLETFE Insulation, Silver-Coated	White		
	21				Ultra-high-Strength Copper (Not available for #32 AWG)	Yellow		
	25							
	31							
	37	GS	A2	2	B	7	10 Color Repeating (wire type A is striped, types B and C are solid colors)	
	51	Receptacle (Socket) Connector on Both Ends	Aluminum Shell, Electroless Nickel Plating	#32 AWG	Extruded PTFE Insulation, NEMA HP3-ETX (MIL-W-16878/6)			
			T		C			
			Titanium Shell, Unplated		Cross-Linked Modified ETFE Insulation, MIL-W-22759/33 (Not available for #32 AWG)			
		CS						
		Plug (Pin) On One End, Receptacle On The Other End						

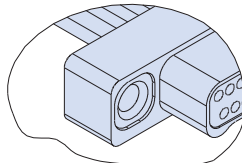
Sample Part Number

891-005	— 9	GP	A1	—0	A	1	— 12	J
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PLUG (PIN) CONNECTOR

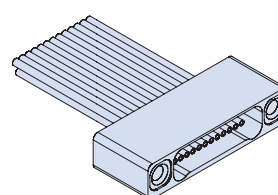


"J" Jackscrew Option

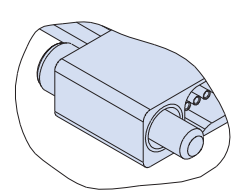


"T" Female Thread Option
Titanium or Stainless Steel Shells Only

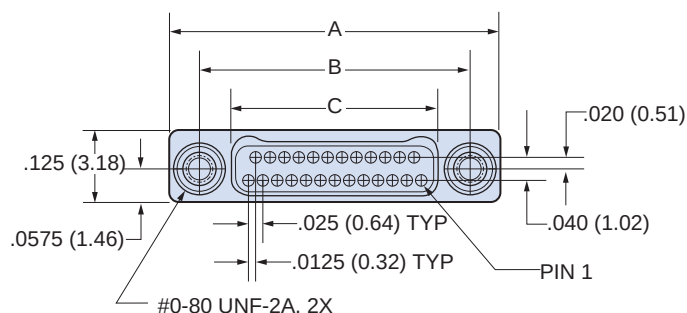
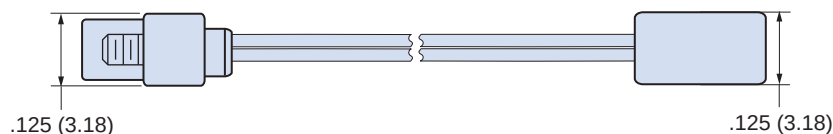
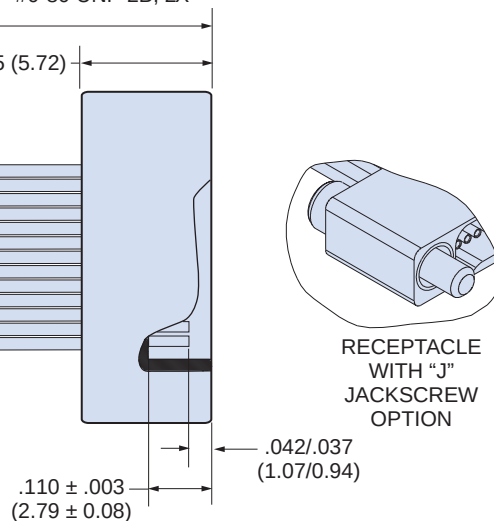
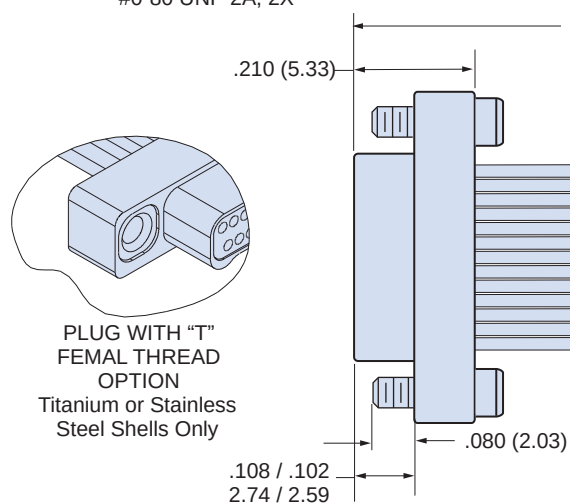
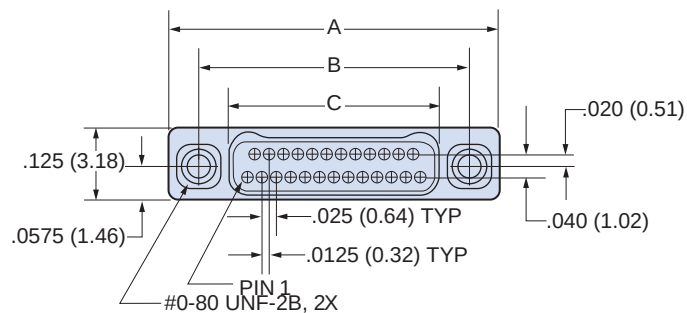
RECEPTACLE (SOCKET) CONNECTOR



"T" Female Thread Option



"J" Jackscrew Option

DOUBLE ROW NANO BACK-TO-BACK PIGTAIL DIMENSIONS
Plug (Pin) Connectors

Receptacle (Socket) Connectors


Layout	A		B BSC.		C BSC.	
	In. ± .005	mm. ±0.13	In.	mm.	In.	mm.
9P	.375	9.52	.270	6.86	.160	4.06
9S	.375	9.52	.270	6.86	.163	4.14
15P	.450	11.43	.345	8.76	.235	5.97
15S	.450	11.43	.345	8.76	.238	6.04
21P	.525	13.33	.420	10.67	.310	7.87
21S	.525	13.33	.420	10.67	.313	7.95
25P	.575	14.60	.470	11.94	.360	9.14
25S	.575	14.60	.470	11.94	.363	9.22
31P	.650	16.51	.545	13.84	.435	11.05
31S	.650	16.51	.545	13.84	.438	11.12
37P	.725	18.41	.620	15.75	.510	12.95
37S	.725	18.41	.620	15.75	.513	13.03
51P	.900	22.86	.795	20.19	.685	17.40
51S	.900	22.86	.795	20.19	.688	17.47