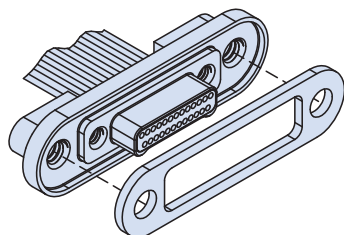




SERIES 89 Dual Row Connectors



Rear Panel Mount Connectors with Insulated Wire and Gasket Seal – How to Order



Rear Panel Mount Nano Connectors with Insulated Wire feature gold alloy TwistPin contacts. Contacts are precision-crimped to insulated, stranded wire. These nanominiature connectors offer premium performance and reliability for

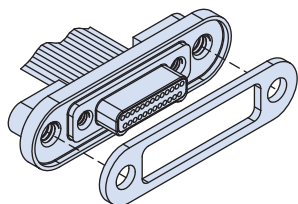
demanding applications. Contact spacing is .025 inches. 1 amp current rating, DWV rating 250 volts AC.

Gasket Seals are available in fluorosilicone, passivated silver plated aluminum filled fluorosilicone or nickel plated aluminum filled fluorosilicone. For replacement gaskets, see 899-015.

How to Order

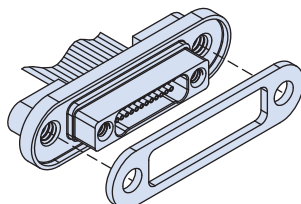
Sample Part Number	891-025	-25P	S	-0	B	7	-12	T	-01	M
Series	891-025 = Plug 891-026 = Receptacle									
Insert Arrangement/ Contact Type	Plugs (891-025): 9P, 15P, 21P, 25P, 31P, 37P, 41P, 51P, 65P, 69P, 85P Receptacles (891-026): 9S, 15S, 21S, 25S, 31S, 37S, 41S, 51S, 65S, 69S, 85S									
Shell Material and Finish	T = Titanium Shell, Unplated S = Stainless Steel Shell, Passivated									
Wire Gage	0 = #30 AWG 2 = #32 AWG (Wire Type 'B' Only)									
Wire Type	A = Ultra Lightweight XLETFE Insulation, Silver Coated Ultra High Strength Copper. (Not available in #32 AWG) B = Extruded PTFE Insulation, Silver Coated Copper NEMA HP3-ETX (MIL-W-16878/6) C = Cross Linked Modified ETFE Insulation, Silver Coated High Strength Copper. MIL-W-22759/33 (Not available in #32 AWG)									
Wire Color Code	1 = White 2 = Yellow 7 = 10 Color Repeating (Wire Type A is striped, Types B & C are solid colors)									
Wire Length	12 = 12.00 + 1.00 inches; as required in one inch increments.									
Hardware Option	T = Female Threads (#0-80 for size 9-69, #2-56 for size 85)									
Gasket Material	Omit for no gasket 01 = Fluorosilicone IAW MIL-DTL-25988 Type II, Class I, Grade 70 02 = Passivated Silver Plated Aluminum Filled Fluorosilicone IAW MIL-DTL-83528, Type "D" (Cho-seal 1298 or Equivalent) 03 = Nickel Plated, Aluminum Filled Fluorosilicone (Cho-Seal 6503 or Equivalent)									
Mounting Thread	Omit for #2-56 UNC-2B M = M2X0.4 M4									

Plug (Pin)



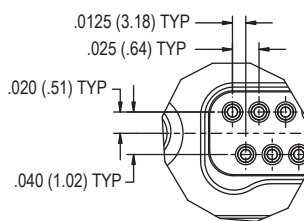
T - Female Thread

Receptacle (Socket)



T - Female Thread

DETAIL A



NOTES

1. Inspect and test IAW MIL-DTL-32139
2. Interface dimensions per MIL-DTL-32139, plug (/3) Receptacle (/4)
3. Panel cutout sized to allow lobe up or lobe down mounting orientation
4. Recommended Panel thickness .100 (2.54) max

PANEL MOUNT DIMENSIONS

	SIZE-9	SIZE-15	SIZE-21	SIZE-25	SIZE-31	SIZE-37	SIZE-41	SIZE-51	SIZE-65	SIZE-69	SIZE-85
C	.566 (14.38)	.641 (16.28)	.716 (18.19)	.766 (19.46)	.841 (21.36)	.916 (23.27)	.966 (24.54)	1.091 (27.71)	1.266 (32.16)	1.316 (33.43)	1.568 (39.83)
M	.395 (10.03)	.470 (11.94)	.545 (13.84)	.595 (15.11)	.670 (17.02)	.745 (18.92)	.795 (20.19)	.920 (23.37)	1.095 (27.81)	1.145 (29.08)	1.397 (35.48)
N	.155 (3.94)	.155 (3.94)	.155 (3.94)	.155 (3.94)	.155 (3.94)	.155 (3.94)	.155 (3.94)	.155 (3.94)	.155 (3.94)	.155 (3.94)	.180 (4.57)

