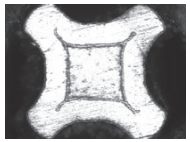
- 1 AMP Current rating
- .025 Inch (0.64 mm) Contact Spacing
- #30 and #32 Gage Wire Accommodation
- Single and Double Row
- Metal Shell, Aluminum, Titanium or Stainless Steel
- TwistPin Contact System
- Gold Alloy Contact, Unplated
- Thru-Hole and Surface Mount PCB Versions

QPL

MIL-DTL-32139 Qualified Connectors for Mission-Critical Board-to-Wire Applications—Simply the Smallest and Lightest Mil-Spec Connector in the Business

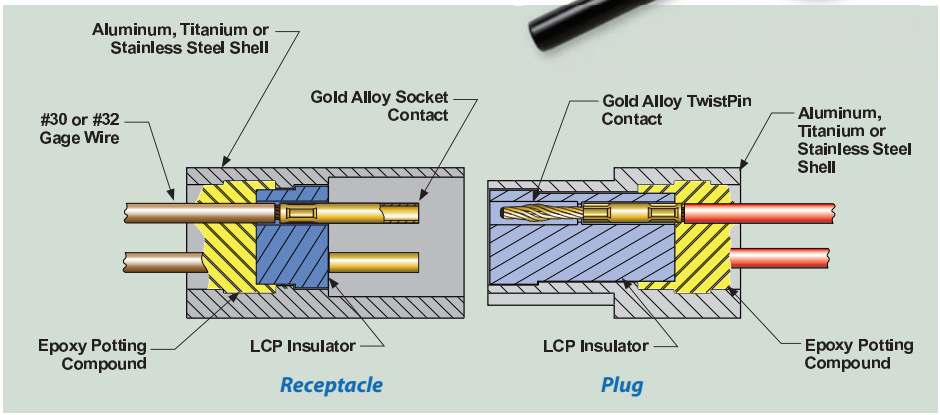
Now available from Glenair—Nanominiature circular connectors. Same nanominiature contact and wire spacing as our rectangular solutions, with superior mating and unmating performance and environmental resistance. Ideally suited for tactical applications.

The Nano TwistPin Advantage



Transverse Cross-Section of a TwistPin Contact Crimped to Solid Wire

- Gas-Tight Crimp Joint
- Better Shock and Vibration Performance
- Corrosion Proof Contact Alloy



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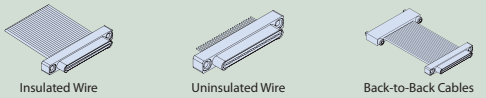
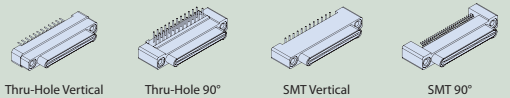
Series 89 Nanominiature Connector Performance Summary	
Contact Spacing	.025" (0.64mm) Contact Centers
Wire Accommodation	#30-#32 AWG
Current Rating	1 AMP Max
DWV	250 VAC RMS Sea Level
Insulation Resistance	5000 Megohms Minimum
Operating Temperature	-55° C. to +125° C.
Contact Resistance	71 Millivolt Drop Maximum
Shock, Vibration	100g's, 20 g's
Durability	200 Mating Cycles
Corrosion Resistance	48 Hours Salt Spray
Mating Force	5 Ounce Max, 0.4 Ounce Min

Series 89 Nanominiature Product Selection Guide

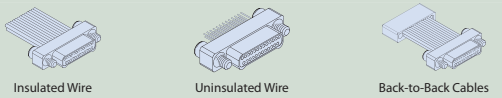
Pre-Wired Single Row Connectors



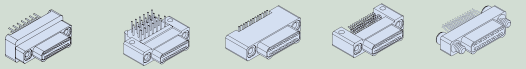
Pre-Wired PCB Connectors



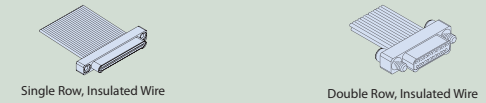
Pre-Wired Double Row Connectors



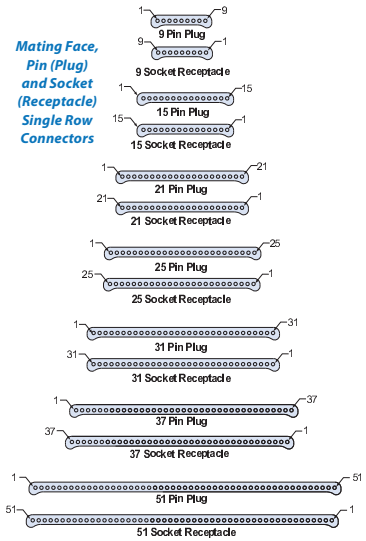
Double Row PCB Connectors



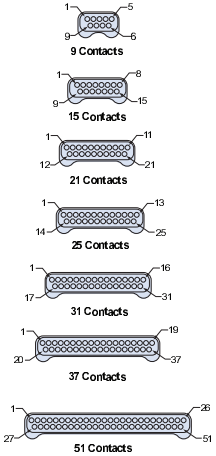
Pre-Wired MIL-DTL-32139 Connectors



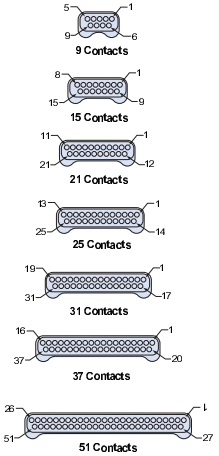
Mating Face, Pin (Plug) and Socket (Receptacle) Single Row Connectors



Mating Face of Pin (Plug) Connector



Mating Face of Socket (Receptacle) Connector



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