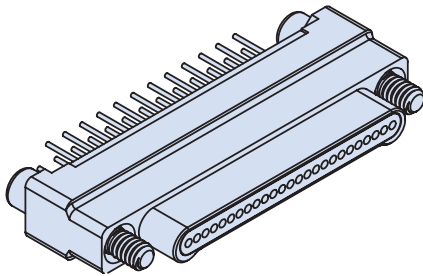


Plug (∕05) and Receptacle (∕06), Single Row, Vertical Mount Thru Hole PCB Connectors - How to Order

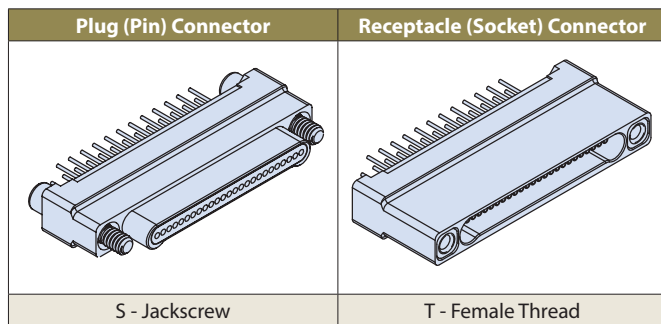


M32139/05 and /06 Single Row Connectors feature gold alloy TwistPin contacts. Contacts are precision-crimped to 30 AWG copper wire PC tails with gold over nickel plating. These nanominiature connectors offer premium performance and reliability for demanding applications and are in accordance with MIL-DTL-32139. Contact spacing is .025 inches. 1 amp current rating, DWV rating 250 volts AC.

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

Typical Applications include UAV's, satellites, missile systems and geophysical instruments.

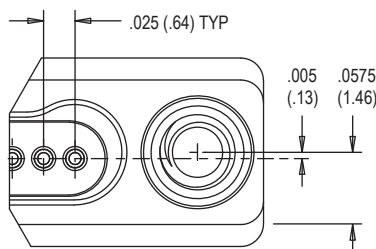
How To Order	
Sample Part Number	M32139/05 -D 01 S N S
Series	M32139/05 = Plug, Pin Contacts, Single Row, Nanominiature M32139/06 = Receptacle, Socket Contacts, Single Row, Nanominiature
Insert Arrangements	A = 9 contacts B = 15 contacts C = 21 contacts D = 25 contacts E = 31 contacts F = 37 contacts G = 51 contacts
PC Tail Finish	01 = Tin/Lead (Sn63Pb37 or Sn60Pb40) 02 = Gold
Hardware	S = Jackscrew M32139/05 (Plug Only) T = Threaded Hole M32139/06 (Receptacle Only)
Shell Material and Finish	C = Aluminum, Cadmium Finish (Not for Space) N = Aluminum, Electroless Nickel Finish S = Stainless Steel, Passivated Finish T = Titanium (Unplated)
Space Class	S = Space Grade Omit for non-space applications



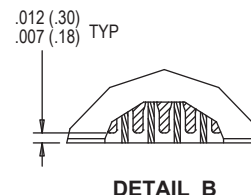
NOTES

- Material and finish:
 - Shell: see part number breakdown
 - Insulator: LCP/N/A
 - Contacts: gold alloy/unplated
 - PC tails: 30 AWG copper wire with gold over nickel plating
 - Hardware: stainless steel, passivated
- Inspect and Test IAW MIL-DTL-32139
- Interface dimensions per MIL-DTL-32139/5 & MIL-DTL-32139/6

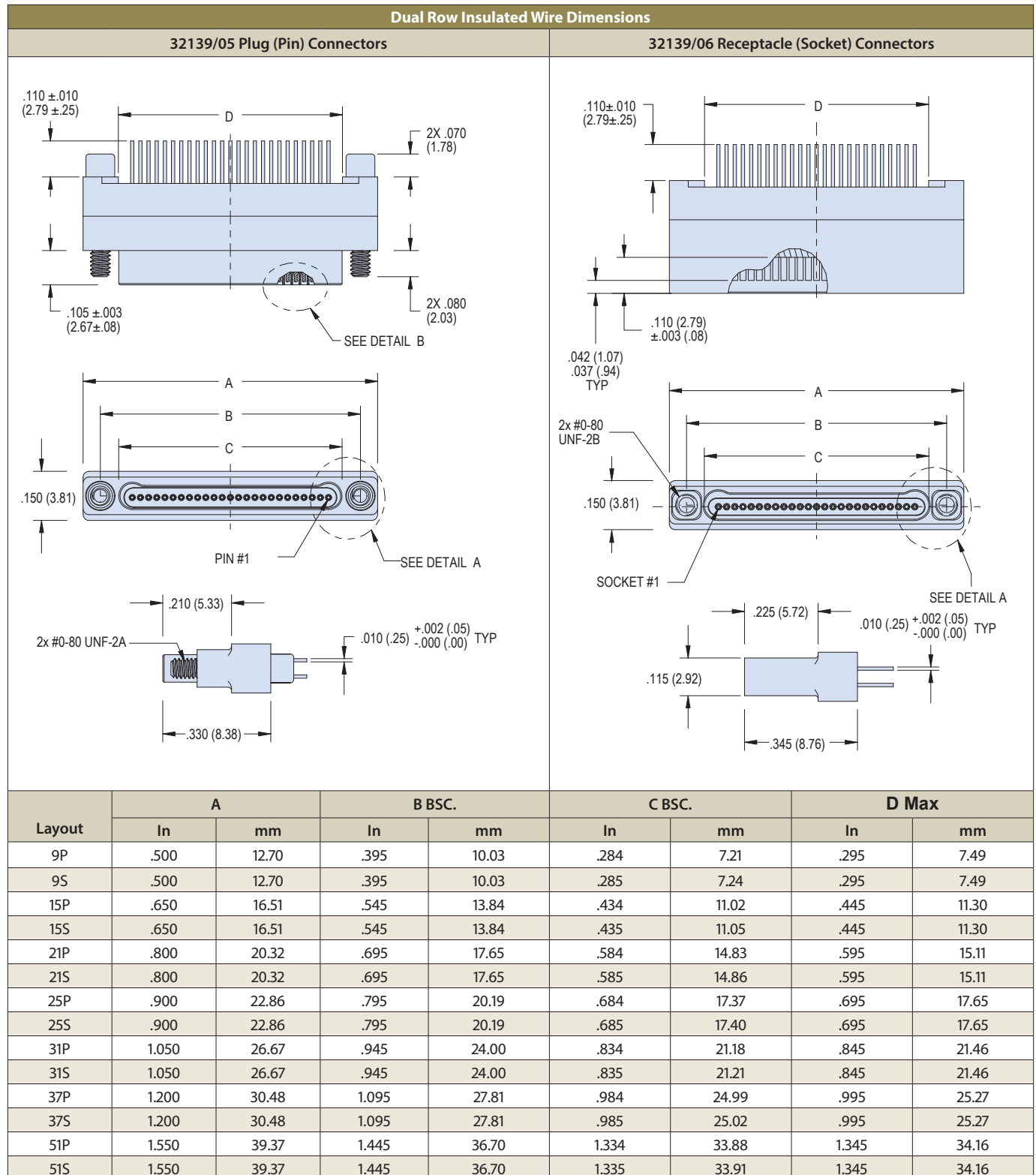
DETAIL A



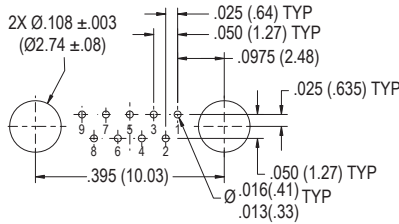
DETAIL B



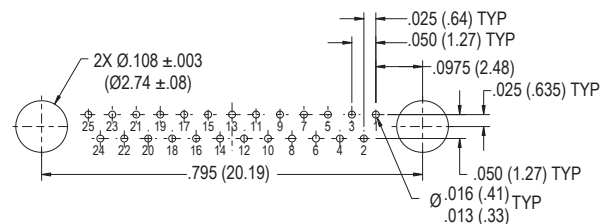
Plug (/05) and Receptacle (/06), Single Row, Vertical Mount Thru Hole PCB Connectors - Dimensions



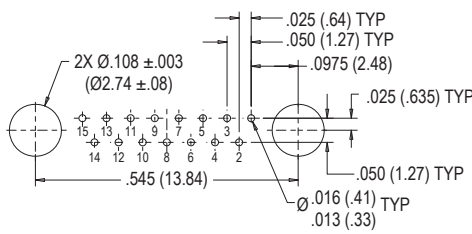
PCB layout patterns shown are for the connector mounting side of PC board



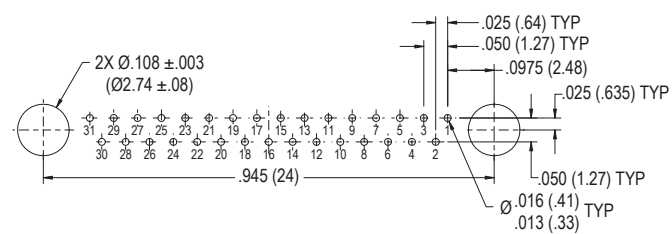
9 Contacts



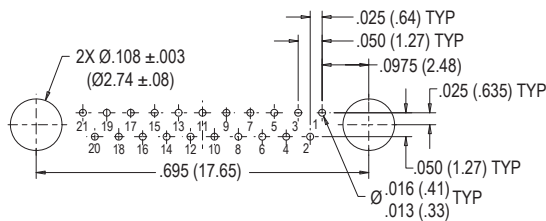
25 Contacts



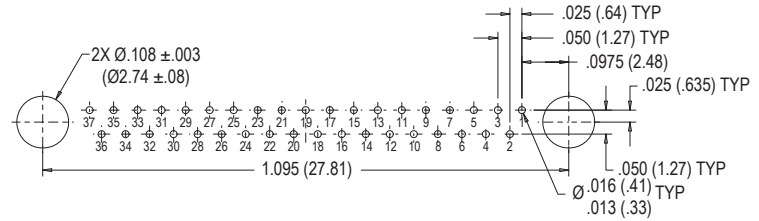
15 Contacts



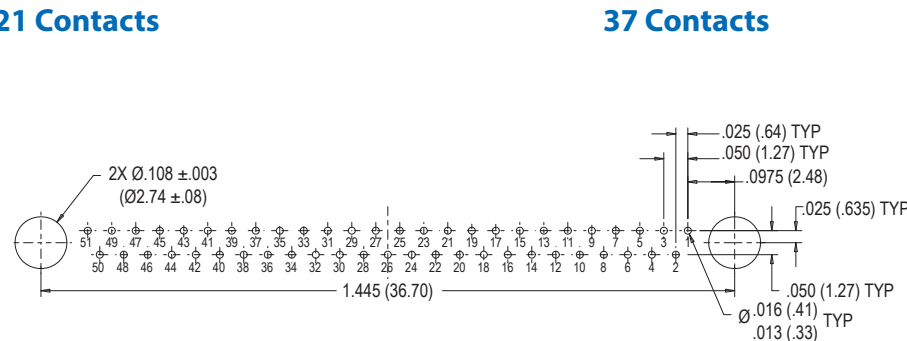
31 Contacts



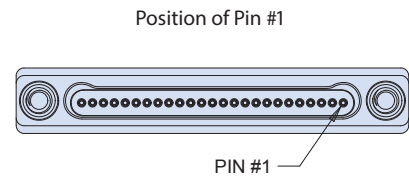
21 Contacts



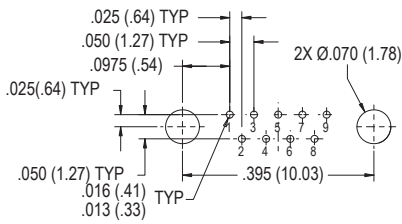
37 Contacts



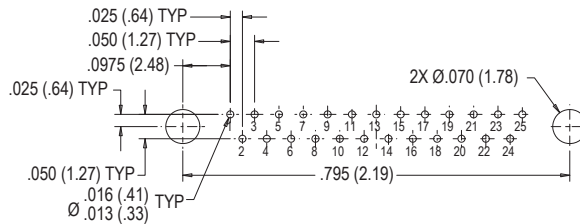
51 Contacts



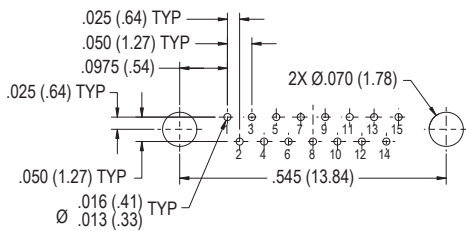
PCB layout patterns shown are for the connector mounting side of PC board



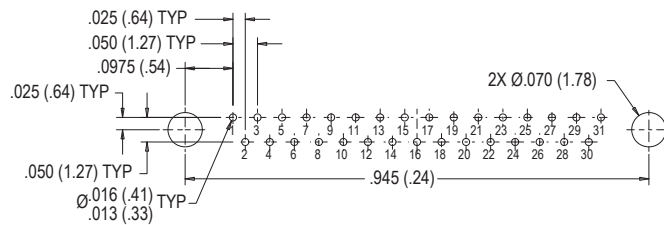
9 Contacts



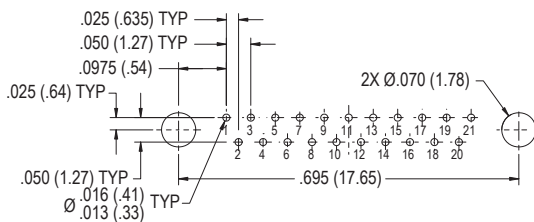
25 Contacts



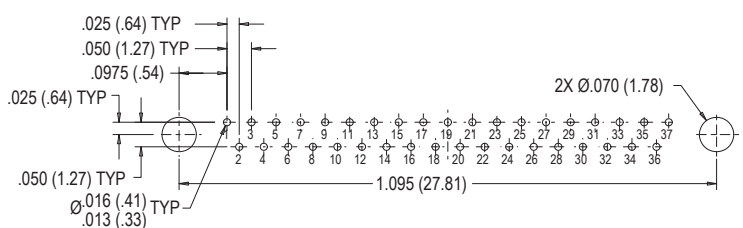
15 Contacts



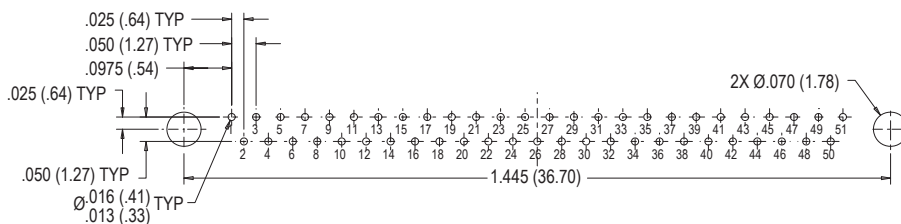
31 Contacts



21 Contacts



37 Contacts



51 Contacts

