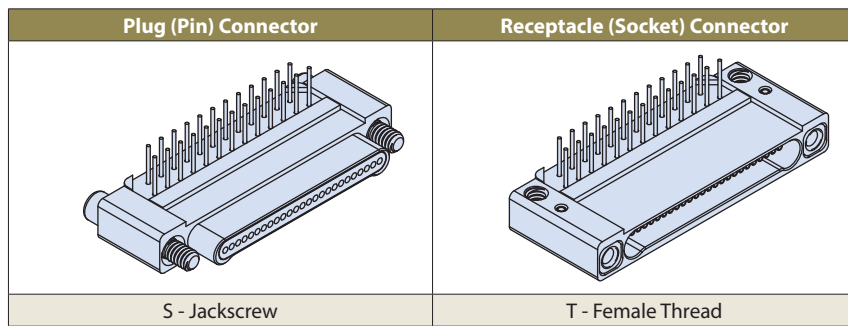


**M32139/07 and /08 Single Row Connectors** feature gold alloy TwistPin contacts. Contacts are precision-cripped to 30 AWG copper wire PC tails with gold over nickel plating. These nanominiature connectors offer premium performance and reliability for demanding applications and are in accordance with 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.

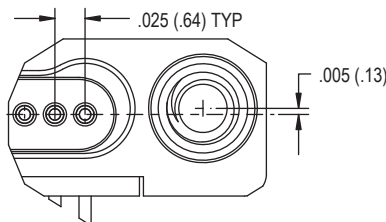
How To Order	
Sample Part Number	M32139/07 -A 01 S N S
Series	M32139/07 = Plug, Pin Contacts, Single Row, Nanominiature M32139/08 = Receptacle, Socket Contacts, Single Row, Nanominiature
Insert Arrangements	A = 9 contacts B = 15 contacts C = 21 contacts D = 25 contacts E = 31 contacts F = 37 contacts G = 51 contacts
PC Tail Finish	01 = Tin/Lead (Sn63Pb37 or Sn60Pb40) 02 = Gold
Hardware	S = Jackscrew (M32139/07 Plug Only) T = Threaded Hole (M32139/08 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 (No Finish)
Space Class	S = Space Grade Omit = non-space applications



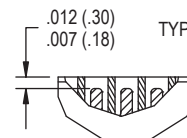
**NOTES**

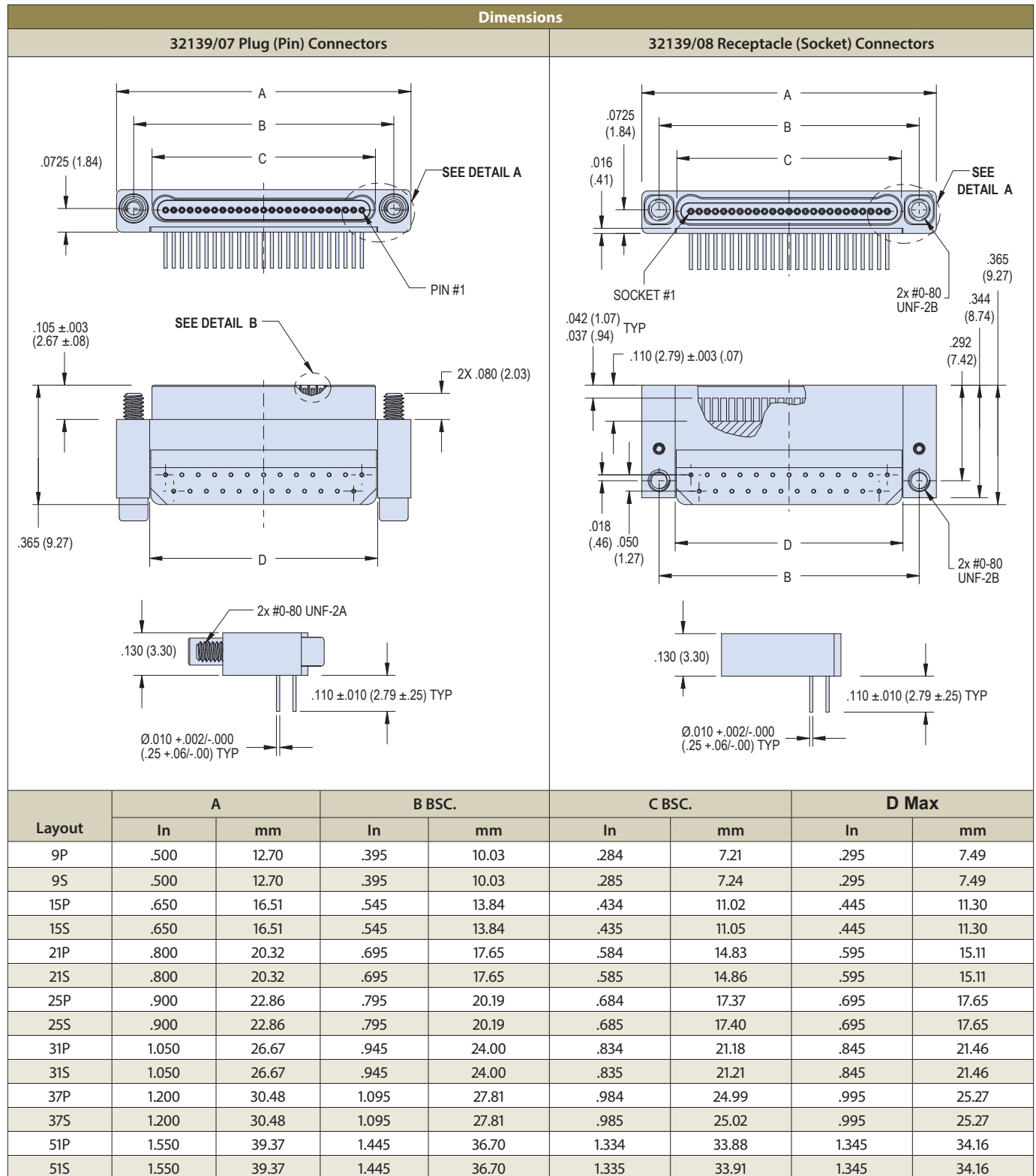
- Material and finish:
  - Shell: see part number breakdown
  - Insulator: LCP/N/A
  - Contacts: gold alloy/unplated
  - PC tails: 30 AWG copper wire with gold over nickel plating
  - Hardware: passivated stainless steel
- Inspect and Test IAW MIL-DTL-32139
- Interface dimensions per MIL-DTL-32139/7 & MIL-DTL-32139/8

**DETAIL A**

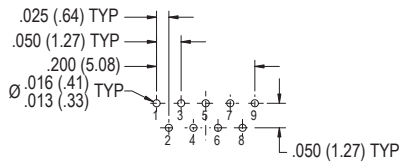


**DETAIL B**

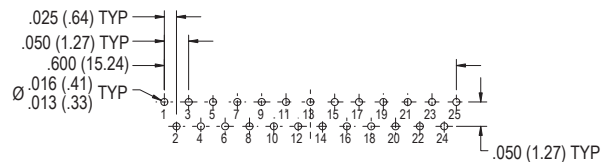




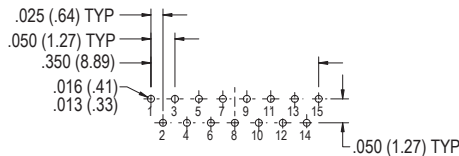
Vertical PCB plug (pin) connector layout patterns shown are for the connector mounting side of PC board



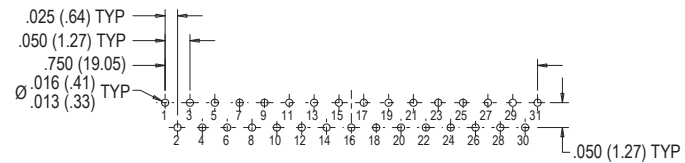
### 9 Contacts



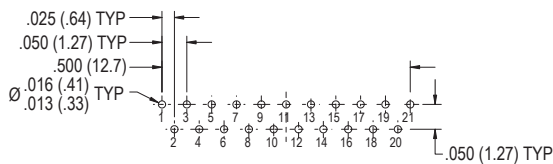
### 25 Contacts



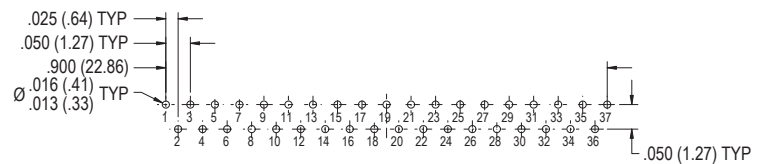
### 15 Contacts



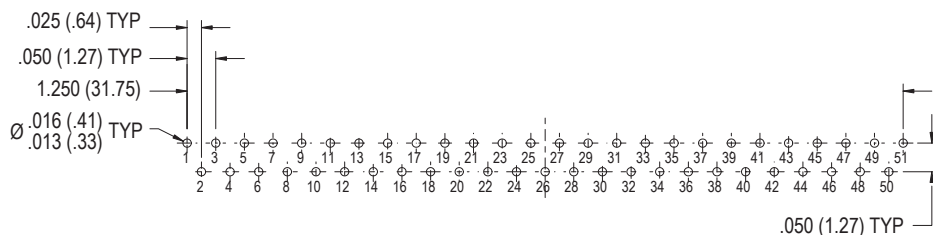
### 31 Contacts



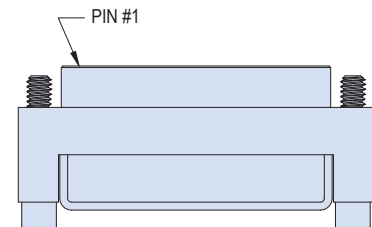
### 21 Contacts



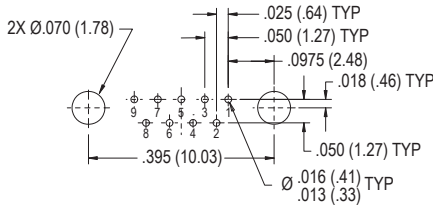
### 37 Contacts



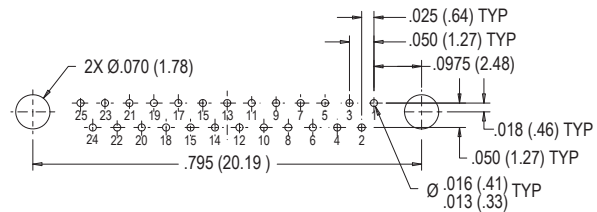
### 51 Contacts



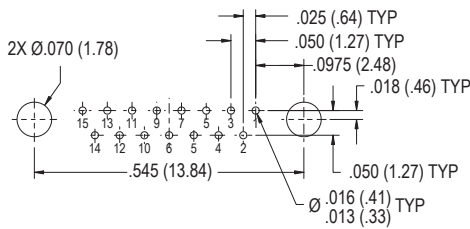
Vertical PCB Receptacle (socket) connector layout patterns shown are for the connector mounting side of PC board



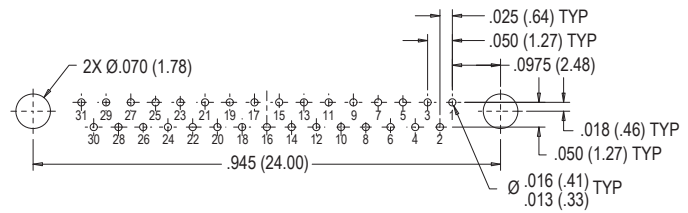
**9 Contacts**



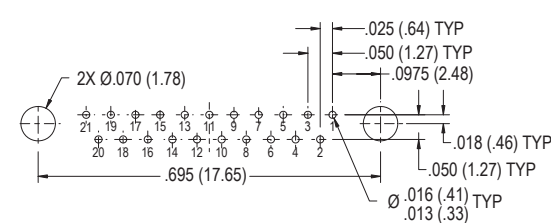
**25 Contacts**



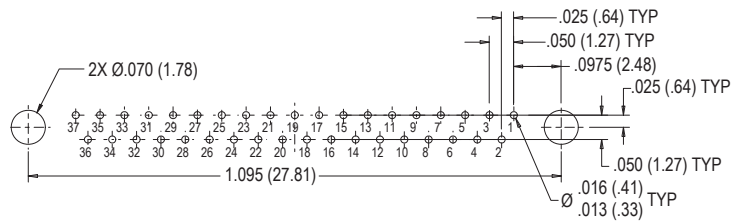
**15 Contacts**



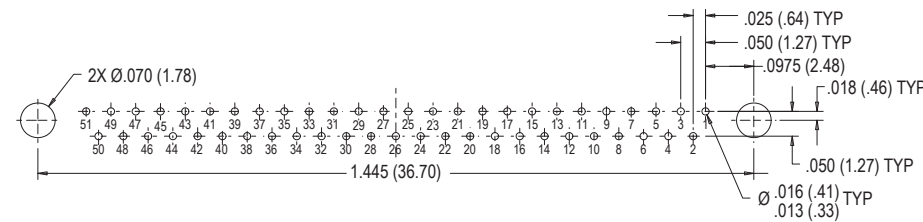
**31 Contacts**



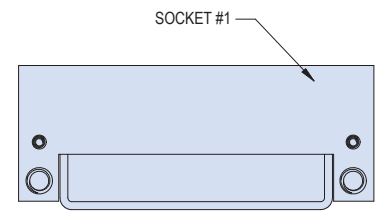
**21 Contacts**



**37 Contacts**



**51 Contacts**



**E**