

M32139/03 and /04 Insulated Wire 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 250 volts AC.

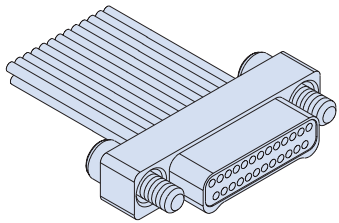
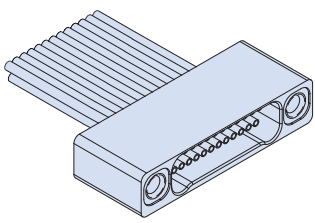
TwistPin Contact System assures premium performance in demanding environments. The gold alloy contacts will stand up to years of exposure without corrosion.

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

M32139 Wire Type			
Wire Type	Specification	Color	Length Inches (mm)
01	NEMA HP3-ETXBBB	White	6 (152)
02	NEMA HP3-ETXBBB	White	18 (457)
03	NEMA HP3-ETXBBB	White	36 (914)
04	NEMA HP3-ETXBBB	10 Color ⁽²⁾	6 (152)
05	NEMA HP3-ETXBBB	10 Color ⁽²⁾	18 (457)
06	NEMA HP3-ETXBBB	10 Color ⁽²⁾	36 (914)
07	M22759/33-30	White	6 (152)
08	M22759/33-30	White	18 (457)
09	M22759/33-30	White	36 (914)
10	M22759/33-30	10 Color ⁽²⁾	6 (152)
11	M22759/33-30	10 Color ⁽²⁾	18 (457)
12	M22759/33-30	10 Color ⁽²⁾	36 (914)
13	04047-30A ⁽¹⁾	White	6 (152)
14	04047-30A ⁽¹⁾	White	18 (457)
15	04047-30A ⁽¹⁾	White	36 (914)
16	04047-30A ⁽¹⁾	10 Color ⁽²⁾	6 (152)
17	04047-30A ⁽¹⁾	10 Color ⁽²⁾	18 (457)
18	04047-30A ⁽¹⁾	10 Color ⁽²⁾	36 (914)

1. DSCC 04047 is a special composite wire subject to additional cost and longer delivery.
2. Color coding per MIL-STF-681, System 1, except using ten solid colors in repeating sequence.

How To Order						
Sample Part Number	M32139/03	-D	01	S	N	S
Series	M32139/03 = Plug, Pin Contacts, Dual Row, Nanominiature M32139/04 = Receptacle, Socket Contacts, Dual 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					
Wire Type	All wire types specify 30 AWG stranded wire. See M32139 Wire Type Table					
Hardware	S = Jackscrew M32139/03 Plug Only T = Threaded Hole M32139/04 Receptacle Only					
Shell Material and Finish	C = Aluminum, Cadmium Finish (Not for Space) S = Stainless Steel, Passivated Finish N = Aluminum, Electroless Nickel Finish T = Titanium (Unplated)					
Space Class	(Omit) = for non-space applications S = Space Grade					

Plug (Pin) Connector	Receptacle (Socket) Connector
	
S - Jackscrew	T - Female Thread

NOTES

- Material and finish:
 - Shell: see part number breakdown
 - Insulator: LCP/N/A
 - Contacts: gold alloy/unplated
 - Wire: see part number breakdown
 - Hardware: stainless steel, passivated
- Inspect and Test IAW MIL-DTL-32139
- Interface dimensions per MIL-DTL-32139/3 & MIL-DTL-32139/4

