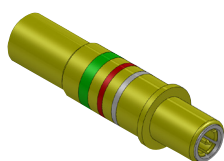




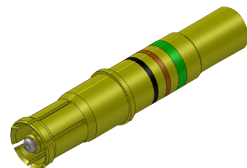
Size 8 Concentric Twinax Contacts
for use in MIL-DTL-38999 Connectors
M39029/90-529 & M39029/91-530

Size 8 Concentric Twinax Contacts for MIL-DTL-38999
M39029/90-529 & M39029/91-530

Aero-Electric Connector now offers Size 8 Concentric Twinax Contacts qualified to AS39029/90 & /91 for use in MIL-DTL-38999 Series III Circular Connectors. Size 8 Concentric Twinax Contacts were developed for use in Airborne Multiplex Databus applications in accordance with MIL-STD-1553 and the Aircraft Stores Interconnection System in accordance with MIL-STD-1760.



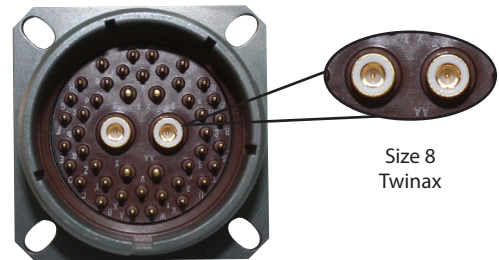
Pin



Socket

- For use in MIL-DTL-38999 Series III
- Crimp Termination (MIL-C-17/176-0002)
- 175°C Rated
- Maintains shield integrity through connector

Aero-Electric Connector offers the contacts as a standalone item or in conjunction with various connector configurations and insert arrangements. Our design team can help you with alternate cable termination, printed circuit tail contacts for board mount of the receptacle and custom insert arrangements to support specific application requirements. Please consult factory for additional information and application product support.



Size 8
Twinax

MIL-DTL-38999 Series III Connector with
Twinax Contacts and Standard Contacts

Typical Electrical Performance

Voltage Rating: 500 Vrms max. @ sea level
 Contact Resistance: Center @ 1 Amp, 55 millivolts max. voltage drop @ 25°C;
 Intermediate @ 1 Amp, 55 milivolts max. voltage drop @ 25°C;
 Outer @ 12 Amps, 75 millivolts max. voltage drop @ 25°C
 Operating Frequency: 0-20 MHz
 Dielectric Withstanding Voltage: Center to Intermediate - 1000 VAC Rms @ sea level;
 Intermediate to Outer - 500 VAC Rms @ sea level

Contact Description	Aero-Electric Part Number	MIL-Spec Part Number	NSN Part Number	Assembly Instructions	For Use With Cable
Size 8 Concentric Twinax Pin	5265-347-0890	M39029/90-529	5999-01-286-5846	7065-229-0890	M17/76-00002
Size 8 Concentric Twinax Socket	5065-346-0891	M39029/91-530	5999-01-285-3477	7065-228-0891	M17/76-00002