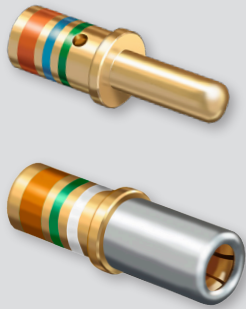


Series 806 Mil-Aero Connectors

Size 12 Power Crimp Contacts for AWG #12 to #14 Wire

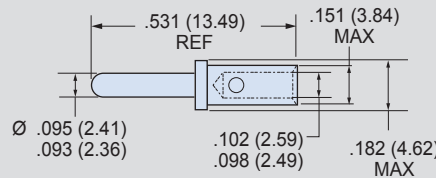


Standard size #12 contacts accept #12 to #14 AWG wire. At rated test current of 23 amps, the maximum voltage drop is 63 millivolts. Contacts are gold-plated copper alloy. Socket contacts feature stainless steel hoods to protect against probe damage. Approved to SAE AS39029. Contacts are bulk packaged. Terminate with M22520/1-01 crimper and M22520/1-04 positioner.

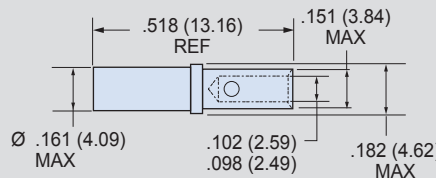
Size 12 Contacts

Contact Type	Wire Size	Part Number	Military Part Number	Color Band		
				1st	2nd	3rd
Pin	#12 – #14	809-112	AS39029/58-365	Orange	Blue	Green
Socket	#12 – #14	809-113	AS39029/57-359	Orange	Green	White

Pin Contact 809-112



Socket Contact 809-113



Specifications

- Operating temperature: -65°C to +200°C
- Current rating: 23 A
- Crimp Tensile Strength: silver tin-plated copper wire, (AS39029 Table X):

Wire Size	Axial Load lbs.	
	Init. Values	Therm. Values
16	50	45
20	20	14

- Contact Resistance: silver-plated wire, 25° ±3°, C (AS39029 Table V)

Wire Size	Test Current Amperes	Max. mV Drop
12	23	42
14	17	40

- Meets performance requirements of SAE AS39029/58 and /57

Construction

- Copper alloy, 50 microinches gold over nickel plating
- Socket Hood: stainless steel, passivated

Termination Tools

- Crimp Tool: 809-136 (M22520/1-01)
- Positioner: 809-138 (M22520/1-04)

Insertion/Extraction Tool

- Pin and Socket Tool: 809-132(M81969/14-04)