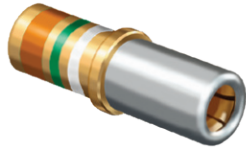


## 809-113 Size #12 Socket Contacts for Series 806 PowerPlay connectors



CONTACTS

Contacts are for use in Series 806 PowerPlay connectors accepting socket contacts.

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.

### 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)

SIZE 12 CONTACTS						
Contact Type	Wire Size	Part Number	Military Part Number	Color Band		
				1st	2nd	3rd
Socket	#12 – #14	<b>809-113</b>	AS39029/57-359	Orange	Green	White

