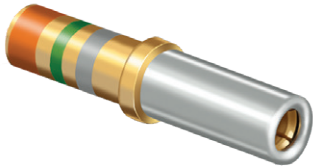


809-111 Size #16 Socket Contacts for Series 806 PowerPlay connectors

CONTACTS



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

Standard size #16 contacts accept #16 to #20 AWG wire. At rated test current of 13 amps, the maximum voltage drop is 49 millivolts. Contacts are gold-plated copper alloy. Socket contacts feature stainless steel hoods to protect against probe damage. Approved to SAE-AMS-39029. 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: 13 A
- VAC: 2300
- Crimp Tensile Strength: silver tin-plated wire, (AS39029 Table X)

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

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

Wire Size	Test Current Amperes	Max. mV Drop
16	13	49
20	7.5	55

- 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

- Hand Crimp Tool: 809-136 (M22520/1-01)
- Pin/Skt Positioner: 809-137 (M22520/1-04)

INSERTION/EXTRACTION TOOL

- Tool: 809-131 (M81969/14-03)

SIZE 16 HD POWER CONTACTS						
Contact Type	Wire Size	Part Number	Military Part Number	Color Band		
				1st	2nd	3rd
Socket	#16 – #20	809-111	AS39029/57-358	Orange	Green	Gray

