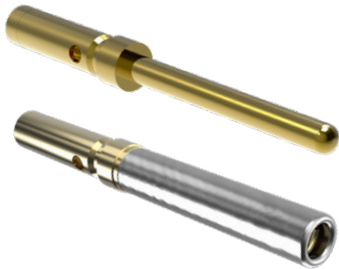


850-094 • 850-095 Size #22HD Pin and Socket Contacts for Series 806 PowerPlay connectors

CONTACTS



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

Military grade. Heavy gold plating. High-density size #22HD contacts accept #22 to #30 AWG wire. Compatible with Series 806 connectors with size 22HD contact cavities. Crimp termination. Contacts are bulk packaged.

SPECIFICATIONS

- Operating temperature: -65°C to +200°C
- Current rating 5 A
- Crimp Tensile Strength:

Wire Size	Axial Load (lbs)
22	12
24	8
26	5
28	3
30	1.5

- Contact Resistance: silver-plated wire, 25°C (AS39029 Table 5)

Wire Size	Test Current Amperes	Max. mV Drop
22	5	73
24	3	45
26	2	52
28	1.5	54
30	1	60

- Meets performance requirements of SAE AS39029/121 and /122

CONSTRUCTION

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

TERMINATION TOOLS

Contact Part Number	Positioner	Crimp Tool
850-094-1	859-147	809-015
850-094-2	859-148	
850-095-1	809-005	
850-095-2	809-057	

ASSEMBLY TOOLS

- Insertion/Extraction Tool: 859-163

SIZE 22HD CONTACTS FOR SERIES 806 CONNECTORS				
Contact Type	Wire Size AWG	Part Number	A	Color Band
Pin	#22 – #28	850-094-1	.0335-.0355; (.851-0.902)	(none)
Pin	#26 – #30	850-094-2	.0229-.0245; (.582-0.622)	Blue
Socket	#22 – #28	850-095-1	.0335-.0355; (.851-0.902)	(none)
Socket	#26 – #30	850-095-2	.0229-.0245; (.582-0.622)	Blue

