

Series 806 Mil-Aero Connectors

Size 22HD Crimp Contacts for AWG #20 - #24 Wire, Non-removable



Military grade. Heavy gold plating. High-density size #22HD contacts accept #20 AWG wire. Compatible with Series 806 connectors with size 22HD contact cavities. Crimp termination, non-removable. Contacts are bulk packaged.

Size 22HD for #20AWG Wire

Contact	Part Number
Pin	809-442
Socket	809-443

Specifications

- Maximum engagement force 8.0 oz. (MS33197-23Y1 Pin)
- Maximum separation force 0.5 oz (MS3197-23X1 pin)
- Current rating: 5 AMP max.
- Crimp tensile strength:

Wire Size	Axial Load (lbs)
20	20
22	12
24	8

- Contact millivolt drop: 70 millivolts max at 5 AMPs, 25°C

Construction

- Copper alloy, 50 microinches gold over nickel underplating
- Socket hood: stainless steel, passivated

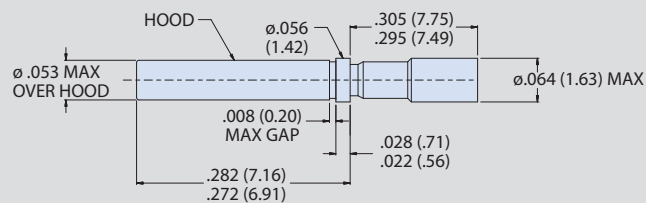
Termination Tools

Contact Part Number	Positioner	Crimp Tool
809-443	809-206 or 809-301	809-015
809-442		

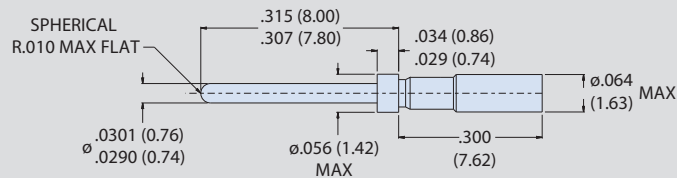
Intended Use

- For use with Series 806 connectors
- Cannot be removed after installation
- Due to diameter of 20AWG wire, the arrangement may not be able to accept a full complement of 20AWG wire assemblies. It is recommended that 20AWG wire assemblies be utilized in alternate cavities.

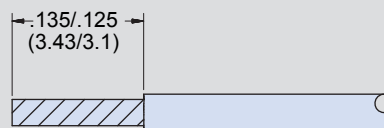
Size 22HD Socket Contact 809-443



Size 22HD Pin Contact 809-442



Wire Strip Length



RECOMMENDED WIRE STRIP LENGTH