

#20 crimp contacts for standard HiPer-D® connectors

#20 CRIMP CONTACTS

#20 contacts accept #20 to #24 AWG wire. These gold-plated copper alloy contacts meet the requirements of SAE AS39029. Use with all Series 28 HiPer-D® crimp connectors with size #20 cavities.



Fig. 1
Pin Contact



Fig. 2
Socket Contact

Material and Finish

Copper alloy, 50 microinches gold plated per ASTM B488 Type II Code C Class 1,27 over nickel plate per QQ-N-290 Class 2, 50-150 microinches.

Socket contact hood: 305 CRES, passivated.

Specifications

AWG Wire Accommodation: #20 - #24

Current Rating: 7.5 Amps maximum

Voltage Drop (at 7.5 Amps and 25° C, #20AWG silver-plated wire):
55 millivolts maximum

Temperature Range: -65° to +200° C.

Socket Min. Separation Force: 0.7 ounces

See SAE AS39029 for additional electrical, mechanical and environmental specifications.

Crimp Tools and Insertion/Removal Tools

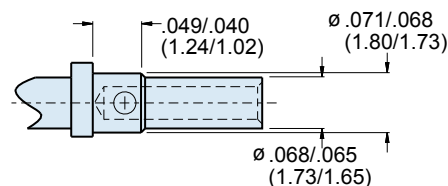
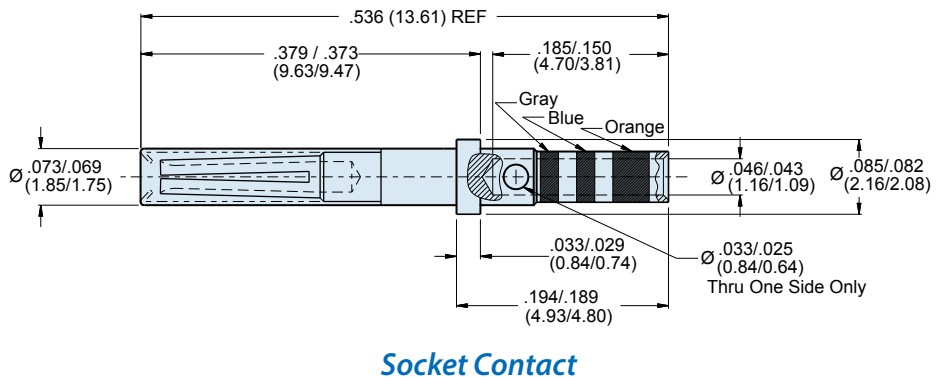
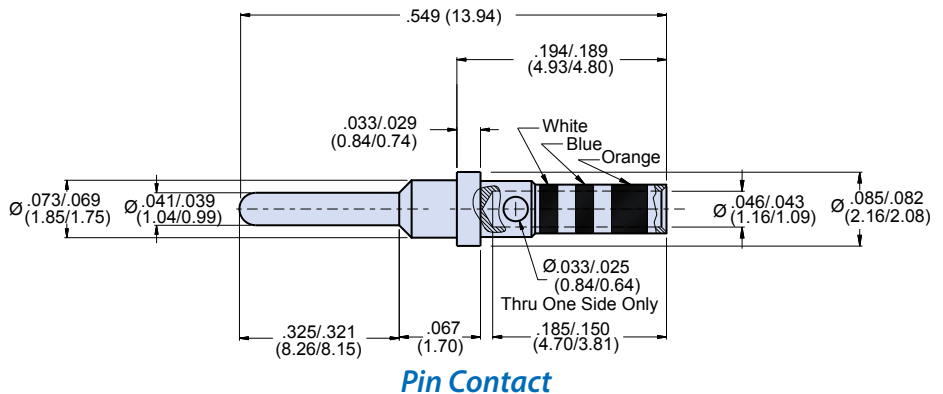
Crimper: 809-015 (M22520/2-01)

Positioner: 859-016 (M22520/2-08)

Insertion/Removal Tool: 859-017

(M81969/39-01)

Contact Type	Fig.	Wire Size	Part Number	M39029 Part Number
Pin	1	#20-24	850-022-20-369	M39029/64-369
Socket	2	#20-24	850-021-20-368	M39029/63-368



Crimp Tensile Strength		
Axial load in minimum pounds.		
Wire Gage	Silver or Tin Coated Copper Wire	Nickel Coated Copper Wire
#20	20	19
#22	12	8
#24	8	6

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