HiPer-D® Contacts and Tools

#22 crimp contacts for high density HiPer-D® connectors

#22 CRIMP CONTACTS



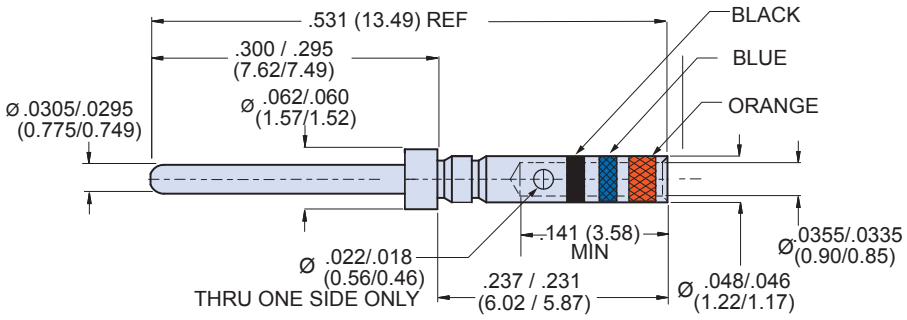
Fig. 1
Pin Contact



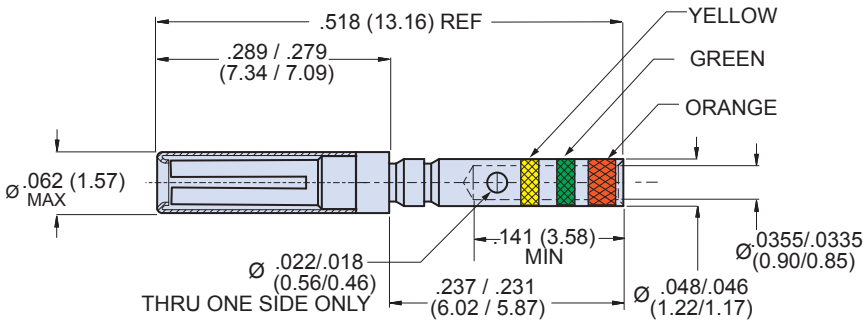
Fig. 2
Socket Contact

#22 contacts accept #22 to #28 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 #22 cavities.

Contact Type	Fig.	Wire Size	Part Number	M39029 Part Number
Pin	*1*	#22-28	850-002-22-360	M39029/58-360
Socket	*2*	#22-28	850-003-22-354	M39029/57-354



Pin Contact



Socket Contact

Material and Finish

Copper alloy, 50-100 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: #22 - #28
Current Rating: 5 Amps maximum
Voltage Drop (at 5 Amps and 25° C, #22 AWG silver-plated wire): 73 mV. maximum
Temperature Range: -65° to + 200° C.
Socket Minimum Sep. 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: Pin 859-018 (M22520/2-09)
Socket 859-019 (M22520/2-06)
Insertion/Removal Tool:
859-020 (M81969/14-01)

Crimp Tensile Strength Axial load in minimum pounds.		
Wire Gage	Silver or Tin Coated Copper Wire	Nickel Coated Copper Wire
#22	12	8
#24	8	6
#26	5	3
#28	3	2

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Dimensions in Inches (millimeters) are subject to change without notice.

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