



## Size #23 Copper Alloy Crimp Contacts

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#23 Pin Contact



#23 Socket Contact

Contact Type	Wire Size	Material	Part Number	In.	Ø A mm.	Color Band	Tool Code
Pin	#22 - #28	BeCu	<b>809-001</b>	.0335-.0355	0.851-0.902	None	A, C
Pin	#26 - #30	BeCu	<b>809-042</b>	.0229-.0245	0.582-0.622	Blue	A, D
Pin	#22 - #28	Alumel	<b>809-065A</b>	.0335-.0355	0.851-0.902	None	A, C
Pin	#22 - #28	Chromel	<b>809-065C</b>	.0335-.0355	0.851-0.902	None	A, C
Socket	#22 - #28	BeCu	<b>809-002</b>	.0335-.0355	0.851-0.902	None	A, C
Socket	#26 - #30	BeCu	<b>809-043</b>	.0229-.0245	0.582-0.622	Blue	A, D
Socket	#22 - #28	Alumel	<b>809-066A</b>	.0335-.0355	0.851-0.902	None	A, C
Socket	#22 - #28	Chromel	<b>809-066C</b>	.0335-.0355	0.851-0.902	None	A, C

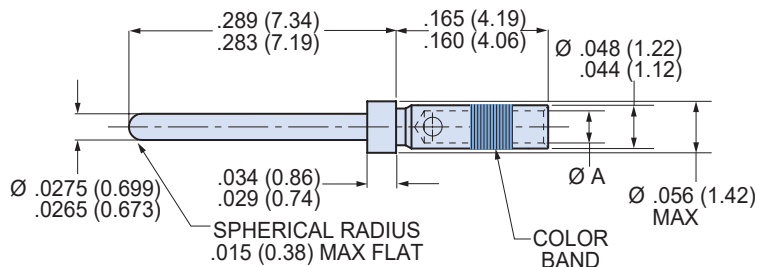
Standard size #23 contacts accept #22 to #28 AWG wire. Choose "small bore" versions for #26 to #30 AWG wire. For thermocouple applications, specify alumel or chromel contacts. Contacts are bulk packaged. Terminate with standard M22520 crimper with special positioner.

#### CRIMP TENSILE STRENGTH

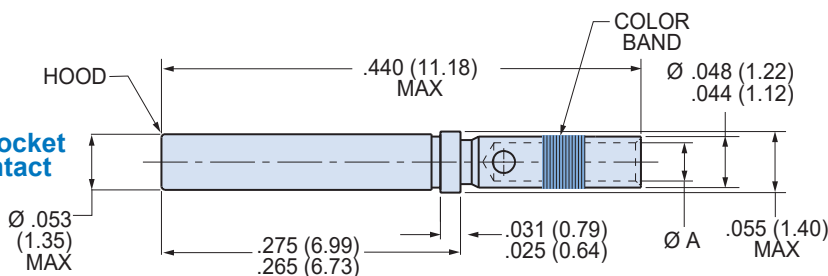
Values are in pounds and are minimums.

Wire Gage	Silver or Tin Coated Copper Wire	Nickel Coated Copper Wire
#22	12	8
#24	8	6
#26	5	3
#28	3	2
#30	1.5	1.5

#23 Pin Contact



#23 Socket Contact



#### Material and Finish

- Copper alloy per ASTM B196 or B197, 50-100 microinches gold plated per ASTM B 488 over nickel underplate. Crimp area may have less plating.
- Thermocouple contacts: alumel or chromel alloy, unplated, per ANSI 96.1
- Socket contact hood: stainless steel, passivated per AMS-QQ-P-35.

#### Specifications

- Current Rating: 5 Amps maximum
- Voltage Drop (at 5 Amps and 25° C): 70 millivolts maximum
- Temperature Range: -65° to + 200° C
- Socket Contact Minimum Separation Force: 0.5 ounces

#### Crimp Tools and Insertion/Removal Tools

- Crimper: 809-015
- Positioner: 809-005 (standard). Use P/N 809-057 for small bore contacts 809-042 and 809-043
- Standard Insertion/Removal Tool: 809-088

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