

**CHARACTERISSTICS**

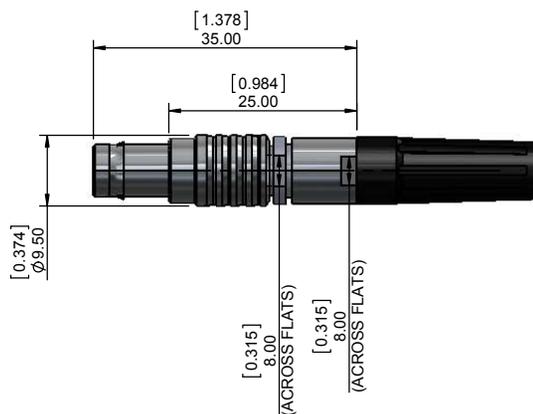
**MATERIALS**

HOUSING : BRASS  
 HOUSING PLATING : 196µ" NICKEL MIN.  
 SHELL & COLLET NUT: BRASS, 196µ" CHROME PLATED MIN.  
 CONTACTS : COPPER ALLOY  
 CONTACT PLATING : 7µ" GOLD PLATED OVER 196µ" NICKEL MIN.  
 INSULATOR : PPS (HIGH TEMPERATURE)  
 STRAIN RELIEF(BOOT) : THERMPLASTIC POLYURETHANE

**MECHANICAL**

DURABILITY: 5000 CYCLES  
 OPERATING TEMP. RANGE: -40 °C ~ +200 °C  
 PROCESS TEMPERATURE : 260°C FOR 5 SECONDS  
 MAX. TOURQUE VALUE : 0.5 Nm [4.4 IN/LBS]  
 SHIELDING: 75dB @ 10MHz  
 40dB @ 1GHz

IP RATING: 50



**CHART B**

COLLET SIZE	WIRE DIAMETER
30	2.50 [0.098] ~ 3.20 [0.126]
40	3.30 [0.130] ~ 4.20 [0.165]
50	4.30 [0.169] ~ 5.20 [0.205]

**CHART A**

● = KEY LOCATION

\*\*VIEW FROM TERMINATION END\*\*

 2 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 0.90 [0.035]  CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V	 3 POSITION 22 AWG MAX. 8 AMP MAX. PIN Ø = 0.90 [0.035]  CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1200V WORKING VOLTAGE = 400V	 4 POSITION 22 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028]  CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	 5 POSITION 22 AWG MAX. 6.5 AMP MAX. PIN Ø = 0.70 [0.028]  CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	 6 POSITION 28 AWG MAX. 2.5 AMP MAX. PIN Ø = 0.50 [0.020]  CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	 7 POSITION 28 AWG MAX. 2.5 AMP MAX. PIN Ø = 0.50 [0.020]  CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 800V WORKING VOLTAGE = 260V	 9 POSITION 28 AWG MAX. 2 AMP MAX. PIN Ø = 0.50 [0.020]  CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 600V WORKING VOLTAGE = 200V
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**RoHS COMPLIANT**



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**NorComp**

DRAWN: <b>M. SIGMON</b>	DATE: <b>02-02-16</b>	SCALE: <b>N.T.S.</b>	SHEET <b>1</b> OF <b>1</b>	REV: <b>4</b>
CHECKED:	DATE:		DWG NO. <b>820BYYY-173LYY1</b>	

# Mouser Electronics

Authorized Distributor

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