

820B YYY - 1 7 3 L YY 1

SERIES 9.50 [0.374]

OF POSITIONS (Ex. 002)
SEE CHART A

1 = MALE

CABLE MOUNT

1 = GOLD FLASH

COLLET SIZE
SEE CHART B

RoHS COMPLIANT

NICKEL/CHROME PLATED SHELL

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

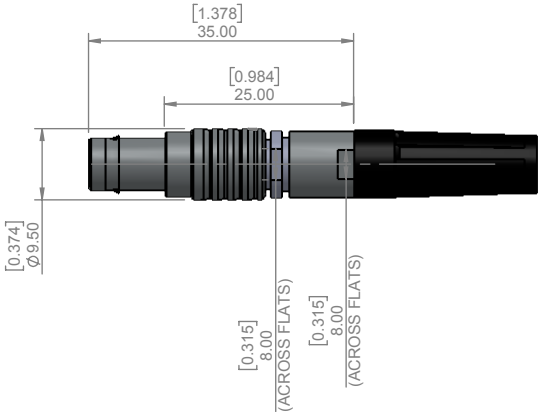


CHART B

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 24 AWG MAX. 8 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	5 POSITION 24 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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			M. SIGMON	02-02-16	N.T.S.	1	1	5
			CHECKED:	DATE:		DWG NO. 820BYYY-173LYY1		

Mouser Electronics

Authorized Distributor

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<u>820B002-173L351</u>	<u>820B004-173L351</u>	<u>820B004-173L501</u>	<u>820B004-173L401</u>	<u>820B003-173L501</u>	<u>820B003-173L401</u>
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