

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

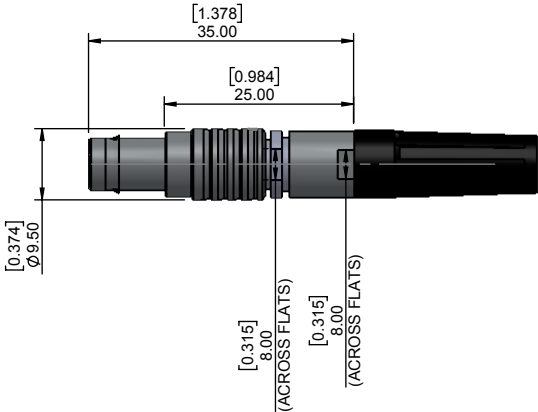


CHART B

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 = 1000V WORKING VOLTAGE = 330V	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
---	--	---	---	--	--	--

RoHS COMPLIANT

	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.	NorComp	DRAWN: M. SIGMON	DATE: 02-02-16	SCALE: N.T.S.	SHEET 1 OF 1	REV: 6
						DWG NO. 820BYYY-173LYY1	