DESCRIPTION: QUIK-LOQ - MALE - CABLE MOUNT

UNITS = MM [INCHES]

820B YYY - 1 7 3 L YY 1

- SERIES: 9.50 [0.374]
- # OF POSITIONS (Ex. 002) **SEE CHART A**
- 1 = MALE
- CABLE MOUNT
- NICKEL/CHROME PLATED SHELL
- RoHS COMPLIANT
- COLLET SIZE **SEE CHART B**
- 1 = GOLD FLASH

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

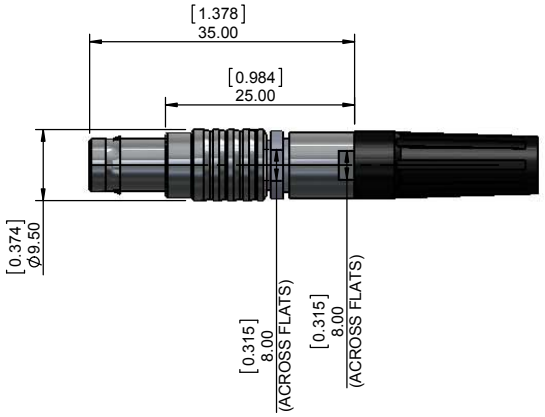
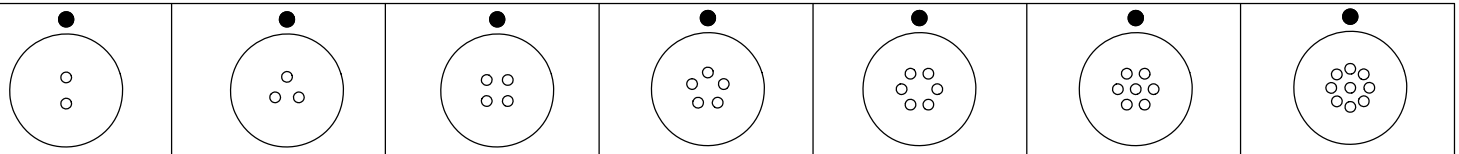


CHART B

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



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

RoHS COMPLIANT

NorComp

DRAWN:	DATE:	SCALE:	SHEET OF	REV:
M. SIGMON	02-02-16	N.T.S.	1 1	3
CHECKED:	DATE:		DWG NO. 820BYYY-173LYY1	