DESCRIPTION: QUIK-LOQ - FEMALE - CABLE MOUNT - IP67

UNITS = MM [INCHES]

821K YYY - 2 7 3 L YY 1

- SERIES: 13.00 [0.512]
- # OF POSITIONS (Ex. 002) **SEE CHART A**
- 2 = FEMALE
- 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) : THERMOPLASTIC POLYURETHANE
- O-RING: SILICONE

MECHANICAL

- DURABILITY: 5000 CYCLES
- OPERATING TEMP. RANGE: -40˚C ~ +200˚C
- PROCESS TEMPERATURE : 260˚C FOR 5 SECONDS
- MAX. TOURQUE VALUE : 0.8 Nm [7.0 IN/LBS]
- SHIELDING: 75dB @ 10MHz
  40dB @ 1GHz

IP RATING: 67

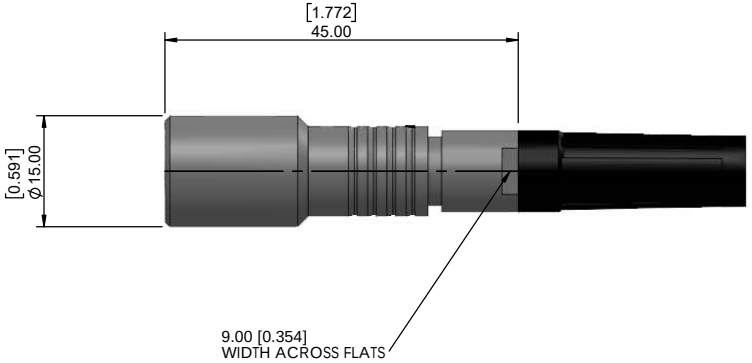

CHART B

COLLET SIZE	WIRE DIAMETER
40	3.30 [0.130] ~ 4.20 [0.165]
50	4.30 [0.169] ~ 5.20 [0.205]
60	5.30 [0.209] ~ 6.20 [0.244]

CHART A

● = KEY LOCATION

VIEW FROM TERMINATION END

2 POSITION	3 POSITION	4 POSITION	5 POSITION	6 POSITION	7 POSITION	14 POSITION
20 AWG MAX.	20 AWG MAX.	22 AWG MAX.	22 AWG MAX.	24 AWG MAX.	24 AWG MAX.	28 AWG MAX.
15 AMP MAX.	12 AMP MAX.	10 AMP MAX.	9 AMP MAX.	7 AMP MAX.	7 AMP MAX.	2 AMP MAX.
PIN Ø = 1.30 [0.051]	PIN Ø = 1.30 [0.051]	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]
CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1500V WORKING VOLTAGE = 500V	CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 415V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 800V WORKING VOLTAGE = 267V

RoHS COMPLIANT

NorComp

DRAWN:	DATE:	SCALE:	SHEET OF	REV:
M. SIGMON	02-19-16	N.T.S.	1 1	6

DWG NO. 821KYYY-273LYY1