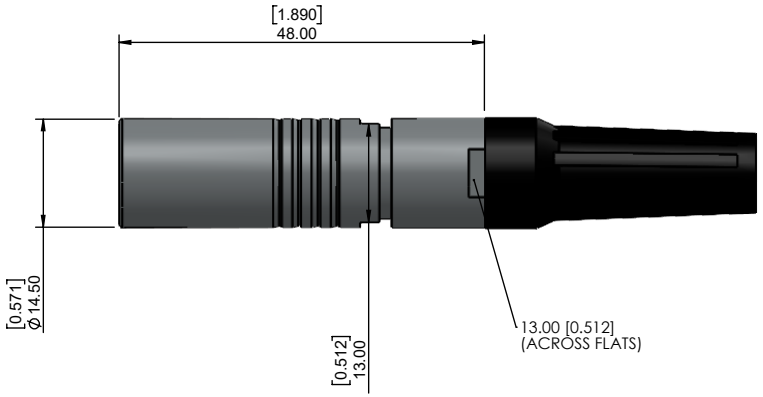
DESCRIPTION: QUIK-LOQ - FEMALE - CABLE MOUNT

UNITS = MM [INCHES]



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

MECHANICAL
- DURABILITY: 5000 CYCLES
- OPERATING TEMP. RANGE: -40° C ~ +200° C
- PROCESS TEMPERATURE : 260°C FOR 5 SECONDS
- MAX. TOURQUE VALUE : 2.5 Nm [22.1 IN/LBS]
- SHIELDING: 75dB @ 10MHz
  40dB @ 1GHz

IP RATING: 50

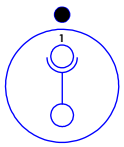
822B YYY - 2 7 3 L YY 1

- SERIES 15.00 [0.591]
- # 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

CHART A

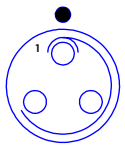
● = KEY LOCATION

VIEW FROM TERMINATION END



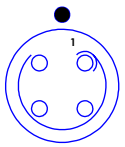
2 POSITION
16 AWG MAX.
20.5 AMP MAX.
PIN Ø = 2.00 [0.079]

CONTACT RESISTANCE = 3 mΩ
TEST VOLTAGE = 2100V
WORKING VOLTAGE = 700V



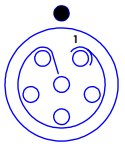
3 POSITION
18 AWG MAX.
17 AMP MAX.
PIN Ø = 1.60 [0.063]

CONTACT RESISTANCE = 4 mΩ
TEST VOLTAGE = 2400V
WORKING VOLTAGE = 800V



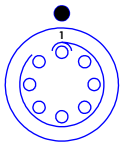
4 POSITION
20 AWG MAX.
15 AMP MAX.
PIN Ø = 1.30 [0.051]

CONTACT RESISTANCE = 5 mΩ
TEST VOLTAGE = 1850V
WORKING VOLTAGE = 615V



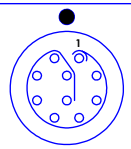
6 POSITION
20 AWG MAX.
12 AMP MAX.
PIN Ø = 1.30 [0.051]

CONTACT RESISTANCE = 5 mΩ
TEST VOLTAGE = 1350V
WORKING VOLTAGE = 450V



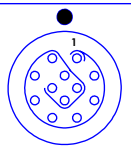
8 POSITION
22 AWG MAX.
10 AMP MAX.
PIN Ø = 0.90 [0.035]

CONTACT RESISTANCE = 6 mΩ
TEST VOLTAGE = 1500V
WORKING VOLTAGE = 500V



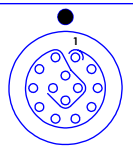
10 POSITION
22 AWG MAX.
8 AMP MAX.
PIN Ø = 0.90 [0.035]

CONTACT RESISTANCE = 6 mΩ
TEST VOLTAGE = 1450V
WORKING VOLTAGE = 500V



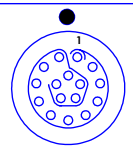
12 POSITION
24 AWG MAX.
7 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 1250V
WORKING VOLTAGE = 480V



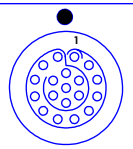
14 POSITION
24 AWG MAX.
6.5 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 1150V
WORKING VOLTAGE = 380V



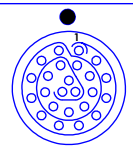
16 POSITION
24 AWG MAX.
6 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 950V
WORKING VOLTAGE = 315V



19 POSITION
24 AWG MAX.
5 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 950V
WORKING VOLTAGE = 315V



26 POSITION
28 AWG MAX.
1.5 AMP MAX.
PIN Ø = 0.50 [0.020]

CONTACT RESISTANCE = 10 mΩ
TEST VOLTAGE = 950V
WORKING VOLTAGE = 315V

CHART B

COLLET SIZE	WIRE DIAMETER
50	4.30 [0.169] ~ 5.20 [0.205]
60	5.30 [0.209] ~ 6.20 [0.244]
70	6.30 [0.248] ~ 7.20 [0.283]
80	7.30 [0.287] ~ 8.20 [0.323]
90	8.30 [0.327] ~ 9.20 [0.362]
00	9.30 [0.366] ~ 10.20 [0.402]

RoHS COMPLIANT

NorComp

DRAWN:	DATE:	SCALE:	SHEET	OF	REV:
M. SIGMON	02-03-16	N.T.S.	1	1	8

DWG NO. 822BYYY-273LYY1