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

UNITS = MM [INCHES]

820K YYY - 2 7 3 L YY 1

SERIES
11.00 [0.433]

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 : 0.7 Nm [6.0 IN/LBS]
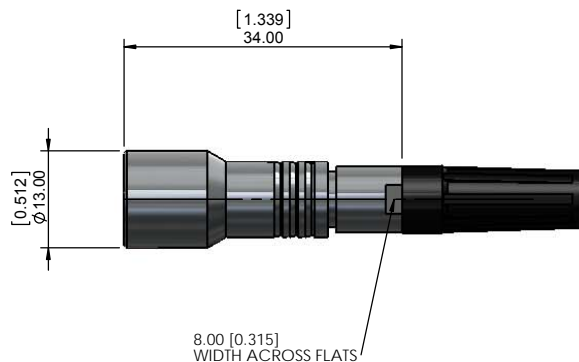SHIELDING: 75dB @ 10MHz
40dB @ 1GHz

IP RATING: 67

[1.339]
34.00

[0.512]
Ø 13.00

8.00 [0.315]
WIDTH ACROSS FLATS

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	CONTACT RESISTANCE = 6 mΩ	CONTACT RESISTANCE = 7.5 mΩ	CONTACT RESISTANCE = 7.5 mΩ	CONTACT RESISTANCE = 10 mΩ	CONTACT RESISTANCE = 10 mΩ	CONTACT RESISTANCE = 10 mΩ
TEST VOLTAGE = 1300V	TEST VOLTAGE = 1200V	TEST VOLTAGE = 850V	TEST VOLTAGE = 850V	TEST VOLTAGE = 850V	TEST VOLTAGE = 800V	TEST VOLTAGE = 600V
WORKING VOLTAGE = 430V	WORKING VOLTAGE = 400V	WORKING VOLTAGE = 280V	WORKING VOLTAGE = 280V	WORKING VOLTAGE = 280V	WORKING VOLTAGE = 260V	WORKING VOLTAGE = 200V

RoHS COMPLIANT

NorComp

DRAWN: M. SIGMON	DATE: 02-19-16	SCALE: N.T.S.	SHEET 1 OF 1	REV: 3
CHECKED:	DATE:		DWG NO. 820KYYY-273LYY1	