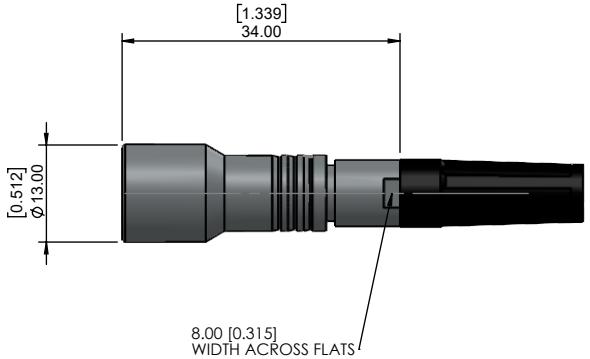
DESCRIPTION: QUIK-LOQ - FEMALE - CABLE MOUNT - IP67

UNITS = MM [INCHES]

820K YYY - 2 7 Y L YY 1

- SERIES: 11.00 [0.433]
- # OF POSITIONS (Ex. 002) **SEE CHART A**
- 2 = FEMALE
- CABLE MOUNT
- 3 = NICKEL/CHROME (196u" MIN) PLATED BRASS SHELL & NUT
  S = 303 STAINLESS STEEL SHELL & NUT
- RoHS COMPLIANT
- COLLET SIZE **SEE CHART B**
- 1 = GOLD FLASH



CHARACTERISSTICS

MATERIALS
- HOUSING : SEE P/N KEY
- HOUSING PLATING : SEE P/N KEY
- SHELL & COLLET NUT: SEE P/N KEY
- 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

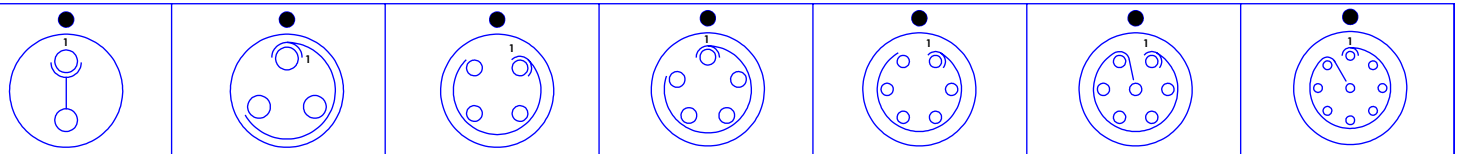
CHART B

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	3 POSITION	4 POSITION	5 POSITION	6 POSITION	7 POSITION	9 POSITION
22 AWG MAX.	22 AWG MAX.	24 AWG MAX.	24 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 = 1000V	TEST VOLTAGE = 1200V	TEST VOLTAGE = 850V	TEST VOLTAGE = 850V	TEST VOLTAGE = 850V	TEST VOLTAGE = 800V	TEST VOLTAGE = 600V
WORKING VOLTAGE = 330V	WORKING VOLTAGE = 400V	WORKING VOLTAGE = 280V	WORKING VOLTAGE = 280V	WORKING VOLTAGE = 280V	WORKING VOLTAGE = 260V	WORKING VOLTAGE = 200V

RoHS COMPLIANT

NorComp

DRAWN:	DATE:	SCALE:	SHEET	OF	REV:
M. SIGMON	02-19-16	N.T.S.	1	1	7

DWG NO. 820KYYY-27YLYY1