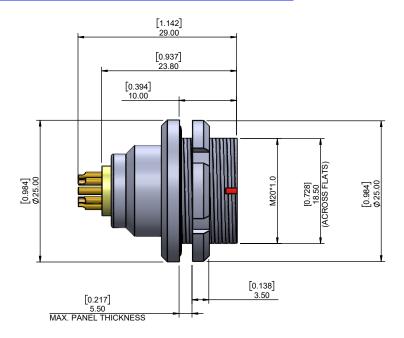
### DESCRIPTION: QUIK-LOQ - FEMALE - SOLDER CUP - REAR PANEL MOUNT - IP67



● = KEY LOCATION

\*\*VIEW FROM TERMINATION END\*\*



2 POSITION 16 AWG MAX. 25 AMP MAX. PIN Ø = 2.00 [0.079]

Contact resistance =  $3 \text{ m}\Omega$  test voltage = 2100V working voltage = 700V



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

CONTACT RESISTANCE =  $4 \text{ m}\Omega$  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 =  $5 \text{ m}\Omega$  TEST VOLTAGE = 1350V WORKING VOLTAGE = 450V



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

CONTACT RESISTANCE =  $6 \text{ m}\Omega$ TEST VOLTAGE = 1500 VWORKING VOLTAGE = 500 V



MATERIALS

SHELL: NICKEL/CHROME PLATED BRASS NUT: NICKEL/CHROME PLATED BRASS

CONTACTS: COPPER ALLOY

CONTACT PLATING: 7µ" GOLD PLATED OVER 196µ" NICKEL MIN.

INSULATOR: PPS (HIGH TEMPERATURE)

O-RING: SILICONE

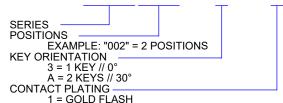
### **MECHANICAL**

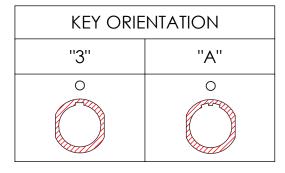
DURABILITY: 5000 CYCLES
OPERATING TEMP. RANGE: -40°C ~ +200°C
PROCESS TEMPERATURE: 260°C FOR 5 SECONDS
MAX. TORQUE VALUE: 9.0 Nm [79.0 IN/lbs]

SHIELDING: 75dB @ 10MHz 40dB @ 1GHz

IP RATING: 67

# 822KYYY-20YR001







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

CONTACT RESISTANCE =  $6~m\Omega$  TEST VOLTAGE = 1450V WORKING VOLTAGE = 500V



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

CONTACT RESISTANCE =  $7.5 \text{ m}\Omega$  TEST VOLTAGE = 1250V WORKING VOLTAGE = 480V



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

CONTACT RESISTANCE =  $7.5 \text{ m}\Omega$  TEST VOLTAGE = 1150 V WORKING VOLTAGE = 380 V



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

CONTACT RESISTANCE = 7.5 m $\Omega$  TEST VOLTAGE = 950V WORKING VOLTAGE = 315V



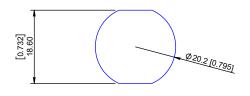
19 POSITION 24 AWG MAX. 5 AMP MAX. PIN Ø = 0.70 [0.028]

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



28 AWG MAX. 2 AMP MAX. PIN Ø = 0.50 [0.020]

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



## PANEL CUTOUT

### **RoHS COMPLIANT**



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RAWN:	DATE:	SCALE:	SHEET	OF	REV:
M. SIGMON	02-25-16	N.T.S.	1	1	5
	UNITS = MM [INCHES]		DWG NO. 822KYYY-203R001		