

CHART A

● = KEY LOCATION

VIEW FROM TERMINATION END

2 POSITION 16 AWG MAX. 25 AMP MAX. PIN \varnothing = 2.00 [0.079] CONTACT RESISTANCE = 3 m Ω TEST VOLTAGE = 2100V WORKING VOLTAGE = 700V	3 POSITION 18 AWG MAX. 17 AMP MAX. PIN \varnothing = 1.60 [0.063] CONTACT RESISTANCE = 4 m Ω TEST VOLTAGE = 2400V WORKING VOLTAGE = 800V	4 POSITION 20 AWG MAX. 15 AMP MAX. PIN \varnothing = 1.30 [0.051] CONTACT RESISTANCE = 5 m Ω TEST VOLTAGE = 1850V WORKING VOLTAGE = 615V	6 POSITION 20 AWG MAX. 12 AMP MAX. PIN \varnothing = 1.30 [0.051] CONTACT RESISTANCE = 5 m Ω TEST VOLTAGE = 1350V WORKING VOLTAGE = 450V	8 POSITION 22 AWG MAX. 10 AMP MAX. PIN \varnothing = 0.90 [0.035] CONTACT RESISTANCE = 6 m Ω TEST VOLTAGE = 1500V WORKING VOLTAGE = 500V
10 POSITION 22 AWG MAX. 8 AMP MAX. PIN \varnothing = 0.90 [0.035] CONTACT RESISTANCE = 6 m Ω TEST VOLTAGE = 1450V WORKING VOLTAGE = 500V	12 POSITION 24 AWG MAX. 7 AMP MAX. PIN \varnothing = 0.70 [0.028] CONTACT RESISTANCE = 7.5 m Ω TEST VOLTAGE = 1250V WORKING VOLTAGE = 480V	14 POSITION 24 AWG MAX. 6.5 AMP MAX. PIN \varnothing = 0.70 [0.028] CONTACT RESISTANCE = 7.5 m Ω TEST VOLTAGE = 1150V WORKING VOLTAGE = 380V	16 POSITION 24 AWG MAX. 6 AMP MAX. PIN \varnothing = 0.70 [0.028] CONTACT RESISTANCE = 7.5 m Ω TEST VOLTAGE = 950V WORKING VOLTAGE = 315V	19 POSITION 24 AWG MAX. 5 AMP MAX. PIN \varnothing = 0.70 [0.028] CONTACT RESISTANCE = 7.5 m Ω TEST VOLTAGE = 950V WORKING VOLTAGE = 315V
26 POSITION 28 AWG MAX. 2 AMP MAX. PIN \varnothing = 0.50 [0.020] CONTACT RESISTANCE = 10 m Ω TEST VOLTAGE = 950V WORKING VOLTAGE = 315V				

CHARACTERISTICS

MATERIALS

SHELL : BRASS

SHELL PLATING : NICKEL

NUT : BRASS

NUT PLATING : NICKEL

LATCH SLEEVE : BRASS

LATCH SLEEVE PLATING : NICKEL

CONTACTS : COPPER ALLOY

CONTACT PLATING : 7 μ GOLD PLATED OVER 196 μ 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

822K YYY - 203R001

SERIES
16.00 [0.630]# OF POSITIONS
(Ex. 002)
SEE CHART A

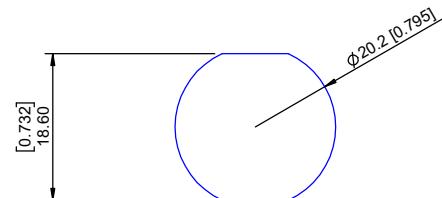
2 = FEMALE

1 = GOLD FLASH

SOLDER CUP (PANEL MOUNT)

RoHS COMPLIANT

NICKEL/CHROME PLATED SHELL



PANEL CUTOUT

TOLERANCE = +0.10, -0.0
[+0.004, -0.00]

RoHS COMPLIANT

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DRAWN:
M. SIGMONDATE:
02-25-16SCALE:
N.T.S.

SHEET 1 OF 1 REV: 4

DWG NO.
822KYYY-203R001

Mouser Electronics

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