

CHARACTERISSTICS
MATERIALS

SHELL : BRASS
SHELL PLATING : NICKEL
NUT : BRASS
NUT PLATING : NICKEL
LATCH SLEEVE : BRASS
LATCH SLEEVE PLATING : NICKEL
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

822K YYY - 2 0 3 R 00 1

SERIES 16.00 [0.630] 1 = GOLD FLASH

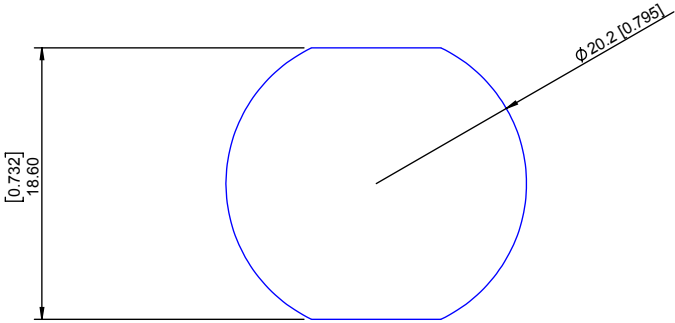
OF POSITIONS (Ex. 002) 2 = FEMALE RoHS COMPLIANT

SEE CHART A SOLDER CUP (PANEL MOUNT) NICKEL/CHROME PLATED SHELL

CHART A

● = KEY LOCATION

<p>2 POSITION 16 AWG MAX. 25 AMP MAX. PIN Ø = 2.00 [0.079]</p> <p>CONTACT RESISTANCE = 3 mΩ TEST VOLTAGE = 2100V WORKING VOLTAGE = 700V</p>	<p>3 POSITION 18 AWG MAX. 17 AMP MAX. PIN Ø = 1.60 [0.063]</p> <p>CONTACT RESISTANCE = 4 mΩ TEST VOLTAGE = 2400V WORKING VOLTAGE = 800V</p>	<p>4 POSITION 20 AWG MAX. 15 AMP MAX. PIN Ø = 1.30 [0.051]</p> <p>CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1850V WORKING VOLTAGE = 615V</p>	<p>6 POSITION 20 AWG MAX. 12 AMP MAX. PIN Ø = 1.30 [0.051]</p> <p>CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1350V WORKING VOLTAGE = 450V</p>
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PANEL CUTOUT

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

RoHS COMPLIANT



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DRAWN: M. SIGMON	DATE: 02-25-16	SCALE: N.T.S.	SHEET 1 OF 1	REV: 3
			DWG NO. 822KYYY-203R001	