

821K YYY - 2 0 3 R 00 1

SERIES 13.00 [0.512]

OF POSITIONS (Ex. 002)

SEE CHART A

2 = FEMALE

1 = GOLD FLASH

RoHS COMPLIANT

SOLDER CUP (PANEL MOUNT)

NICKEL/CHROME PLATED SHELL

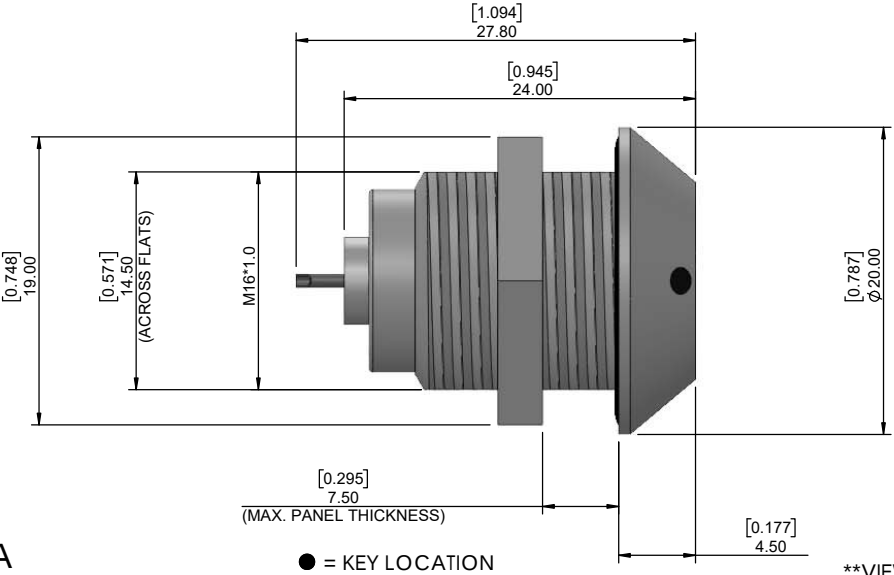


CHART A

● = KEY LOCATION

VIEW FROM TERMINATION END

2 POSITION 20 AWG MAX. 15 AMP MAX. PIN Ø = 1.30 [0.051]	3 POSITION 20 AWG MAX. 12 AMP MAX. PIN Ø = 1.30 [0.051]	4 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 0.90 [0.035]	5 POSITION 22 AWG MAX. 9 AMP MAX. PIN Ø = 0.90 [0.035]	6 POSITION 24 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028]	7 POSITION 24 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028]	14 POSITION 28 AWG MAX. 2 AMP MAX. PIN Ø = 0.50 [0.020]
CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1500V WORKING VOLTAGE = 500V	CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 415V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 800V WORKING VOLTAGE = 267V

RoHS COMPLIANT

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

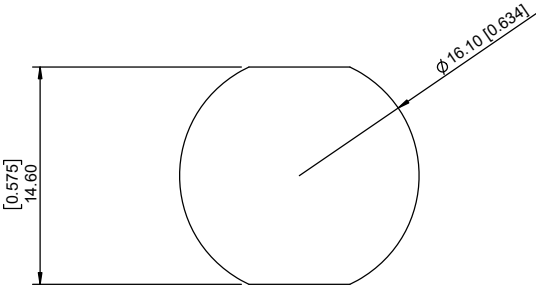
PROCESS TEMPERATURE : 260° C FOR 5 SECONDS

MAX. TORQUE VALUE : 7.0 Nm [61.0 IN/lbs]

SHIELDING: 75dB @ 10MHz

40dB @ 1GHz

IP RATING: 67



PANEL CUTOUT

TOLERANCE = +0.10, -0.0

[+0.004, -0.00]