

820B YYY - 2 0 3 R F0 1

SERIES 9.50 [0.374]

# OF POSITIONS (Ex. 002) \*\*SEE CHART A\*\*

2= FEMALE

SOLDER CUP (PANEL MOUNT)

1 = GOLD FLASH

FIXED FRONT NUT

RoHS COMPLIANT

NICKEL/CHROME PLATED SHELL

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)

MECHANICAL

DURABILITY: 5000 CYCLES

OPERATING TEMP. RANGE: -40° C ~ +200° C

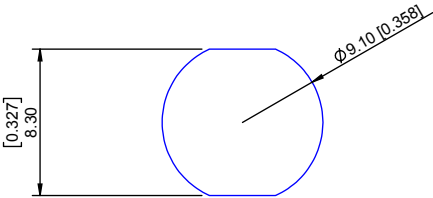
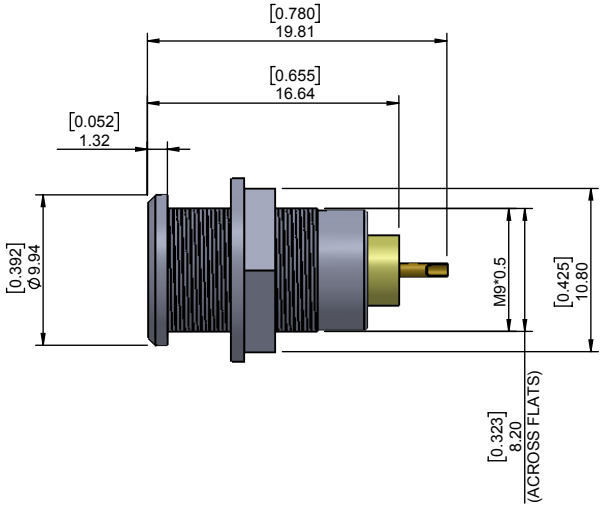
PROCESS TEMPERATURE : 260°C FOR 5 SECONDS

MAX. TORQUE VALUE : 2.5 Nm [22.1 IN/lbs]

SHIELDING: 75dB @ 10MHz

40dB @ 1GHz

IP RATING: 50



PANEL CUTOUT

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

MAX PANEL THICKNESS = 5.50 [0.217]

CHART A

● = KEY LOCATION

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

2 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 0.90 [0.035]	3 POSITION 22 AWG MAX. 8 AMP MAX. PIN Ø = 0.90 [0.035]	4 POSITION 24 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028]	5 POSITION 24 AWG MAX. 6.5 AMP MAX. PIN Ø = 0.70 [0.028]	6 POSITION 28 AWG MAX. 2.5 AMP MAX. PIN Ø = 0.50 [0.020]	7 POSITION 28 AWG MAX. 2.5 AMP MAX. PIN Ø = 0.50 [0.020]	9 POSITION 28 AWG MAX. 2 AMP MAX. PIN Ø = 0.50 [0.020]
CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1000V WORKING VOLTAGE = 330V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1200V WORKING VOLTAGE = 400V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 800V WORKING VOLTAGE = 260V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 600V WORKING VOLTAGE = 200V

RoHS COMPLIANT

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