

821B YYY - 2 0 3 R F0 1

SERIES 12.00 [0.475]

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

2 = FEMALE

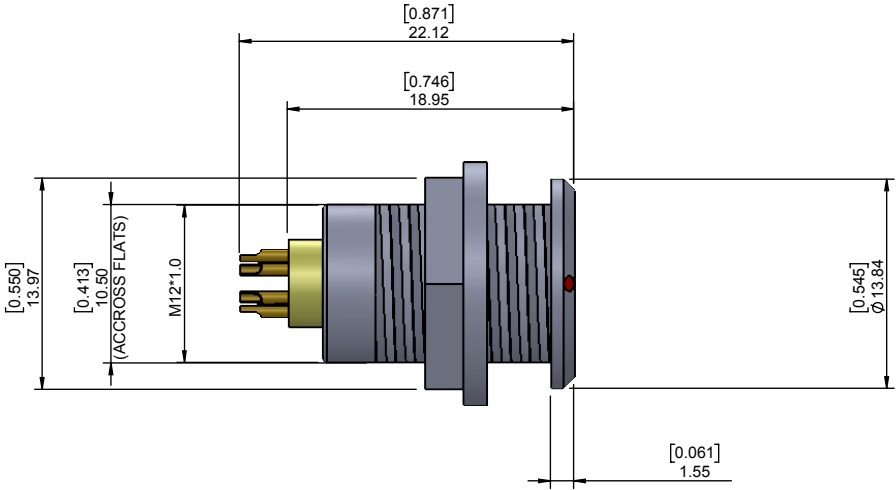
1 = GOLD FLASH

FIXED FRONT NUT

RoHS COMPLIANT

SOLDER CUP (PANEL MOUNT)

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

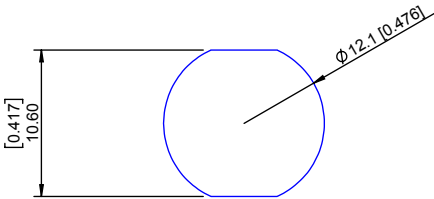
PROCESS TEMPERATURE : 260°C FOR 5 SECONDS

MAX. TORQUE VALUE : 4.5 Nm [39 IN/lbs]

SHIELDING: 75dB @ 10MHZ

40dB @ 1GHZ

IP RATING: 50



PANEL CUTOUT

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

MAX PANEL THICKNESS = [0.236]
6.00

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]	8 POSITION 24 AWG MAX. 5 AMP MAX. PIN Ø = 0.70 [0.028]	10 POSITION 28 AWG MAX. 2.5 AMP MAX. PIN Ø = 0.50 [0.020]	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 = 7.5 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 900V WORKING VOLTAGE = 300V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 800V WORKING VOLTAGE = 260V

RoHS COMPLIANT

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			B. BRIDGES	1-16-18	N.T.S.	1	1	2
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