

821B YYY - 2 0 3 R F0 1

SERIES 12.00 [0.475]

OF POSITIONS (Ex. 002)
SEE CHART A

2 = FEMALE

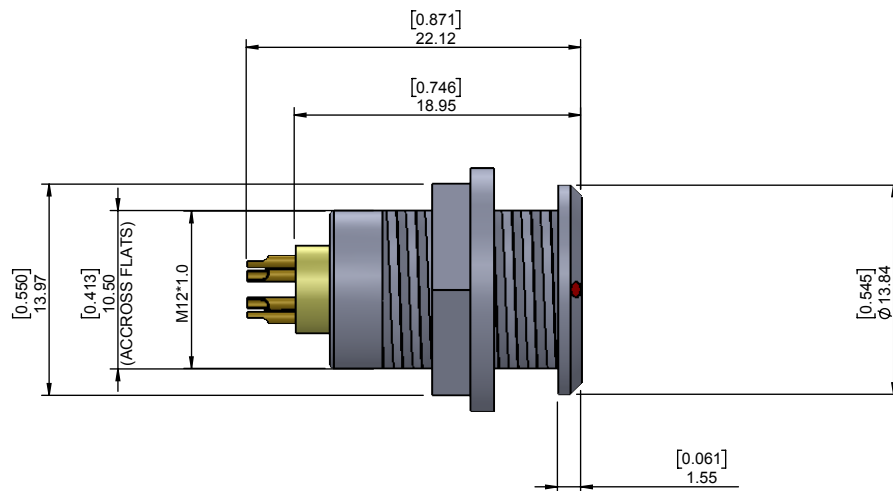
SOLDER CUP (PANEL MOUNT)

1 = GOLD FLASH

FIXED FRONT NUT

RoHS COMPLIANT

NICKEL/CHROME PLATED SHELL



CHARACTERISSTICS

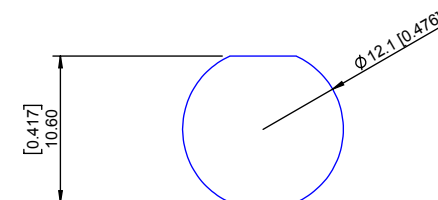
MATERIALS

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 : 4.5 Nm [39 IN/lbs]
SHIELDING: 75dB @ 10MHZ
40dB @ 1GHZ

IP RATING: 50



PANEL CUTOUT

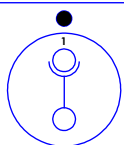
TOLERANCE = +0.10, -0.0
[+0.004, -0.00]

MAX PANEL THICKNESS = [0.236]
6.00

CHART A

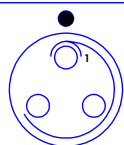
● = KEY LOCATION

VIEW FROM TERMINATION END



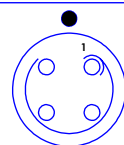
2 POSITION
20 AWG MAX.
15 AMP MAX.
PIN Ø = 1.30 [0.051]

CONTACT
RESISTANCE = 5 mΩ
TEST VOLTAGE = 1500V
WORKING VOLTAGE = 500V



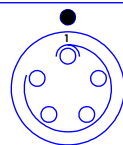
3 POSITION
20 AWG MAX.
12 AMP MAX.
PIN Ø = 1.30 [0.051]

CONTACT
RESISTANCE = 5 mΩ
TEST VOLTAGE = 1300V
WORKING VOLTAGE = 430V



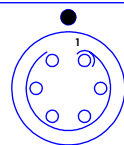
4 POSITION
22 AWG MAX.
10 AMP MAX.
PIN Ø = 0.90 [0.035]

CONTACT
RESISTANCE = 6 mΩ
TEST VOLTAGE = 1300V
WORKING VOLTAGE = 430V



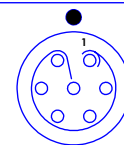
5 POSITION
22 AWG MAX.
9 AMP MAX.
PIN Ø = 0.90 [0.035]

CONTACT
RESISTANCE = 6 mΩ
TEST VOLTAGE = 1250V
WORKING VOLTAGE = 415V



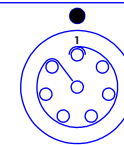
6 POSITION
24 AWG MAX.
7 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT
RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 1050V
WORKING VOLTAGE = 350V



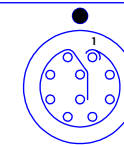
7 POSITION
24 AWG MAX.
7 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT
RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 950V
WORKING VOLTAGE = 315V



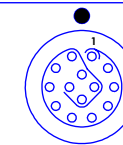
8 POSITION
24 AWG MAX.
5 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT
RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 950V
WORKING VOLTAGE = 315V



10 POSITION
28 AWG MAX.
2.5 AMP MAX.
PIN Ø = 0.50 [0.020]

CONTACT
RESISTANCE = 10 mΩ
TEST VOLTAGE = 900V
WORKING VOLTAGE = 300V



14 POSITION
28 AWG MAX.
2 AMP MAX.
PIN Ø = 0.50 [0.020]

CONTACT
RESISTANCE = 10 mΩ
TEST VOLTAGE = 800V
WORKING VOLTAGE = 260V

RoHS COMPLIANT



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NorComp

DRAWN:
B. BRIDGES

DATE:
1-16-18

SCALE:
N.T.S.

SHEET OF
1 1

REV:
2

DWG NO.
821BYYY-203RF01