

821B YYY - 2 1 3 R 00 1

SERIES
12.00 [0.475]# OF POSITIONS
(Ex. 002)

SEE CHART A

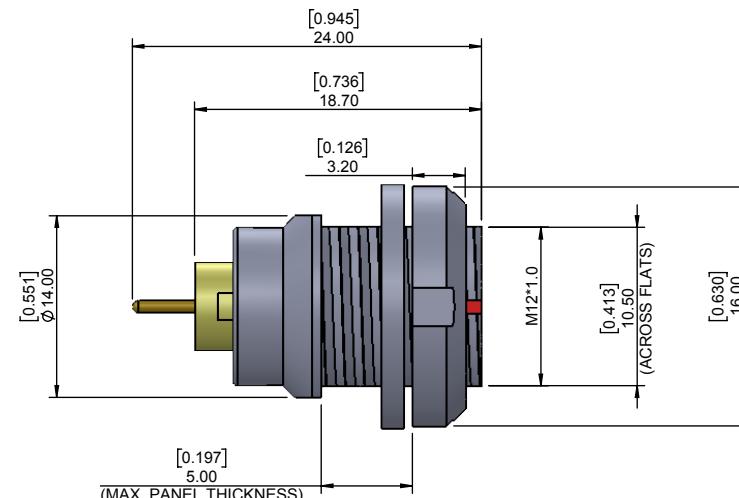
2 = FEMALE

VERTICAL (PANEL MOUNT)

1 = GOLD FLASH

RoHS COMPLIANT

NICKEL/CHROME PLATED SHELL

CHARACTERISTICS
MATERIALS

SHELL : BRASS

SHELL PLATING : NICKEL

NUT : BRASS

NUT PLATING : NICKEL

LATCH SLEEVE : BRASS

LATCH SLEEVE PLATING : NICKEL

CONTACTS : COPPER ALLOY

CONTACT PLATING : 7 μ " GOLD PLATED OVER 196 μ " NICKEL MIN.

INSULATOR : PPS (HIGH TEMPERATURE)

MECHANICAL

DURABILITY: 5000 CYCLES

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

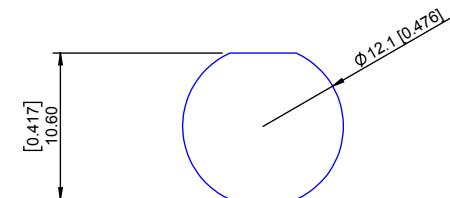
PROCESS TEMPERATURE: 260°C FOR 5 SECONDS

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]

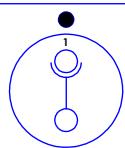
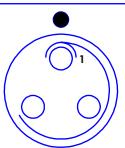
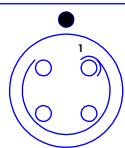
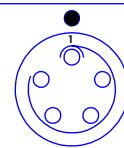
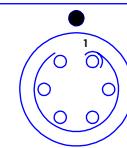
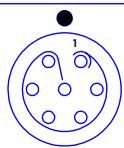
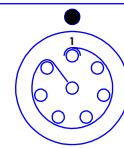
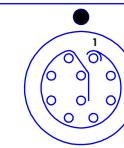
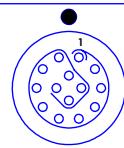
NOTE

SEE PAGE 2 FOR BOARD LAYOUTS

CHART A

● = KEY LOCATION

VIEW FROM TERMINATION END

2 POSITION
15 AMP MAX.
PIN Ø = 1.30 [0.051]3 POSITION
12 AMP MAX.
PIN Ø = 1.30 [0.051]4 POSITION
10 AMP MAX.
PIN Ø = 0.90 [0.035]5 POSITION
9 AMP MAX.
PIN Ø = 0.90 [0.035]6 POSITION
7 AMP MAX.
PIN Ø = 0.70 [0.028]7 POSITION
7 AMP MAX.
PIN Ø = 0.70 [0.028]8 POSITION
5 AMP MAX.
PIN Ø = 0.70 [0.028]10 POSITION
2.5 AMP MAX.
PIN Ø = 0.50 [0.020]14 POSITION
2 AMP MAX.
PIN Ø = 0.50 [0.020]CONTACT
RESISTANCE = 5 m Ω
TEST VOLTAGE = 1500V
WORKING VOLTAGE = 500VCONTACT
RESISTANCE = 5 m Ω
TEST VOLTAGE = 1300V
WORKING VOLTAGE = 430VCONTACT
RESISTANCE = 6 m Ω
TEST VOLTAGE = 1300V
WORKING VOLTAGE = 430VCONTACT
RESISTANCE = 6 m Ω
TEST VOLTAGE = 1250V
WORKING VOLTAGE = 415VCONTACT
RESISTANCE = 7.5 m Ω
TEST VOLTAGE = 1050V
WORKING VOLTAGE = 350VCONTACT
RESISTANCE = 7.5 m Ω
TEST VOLTAGE = 950V
WORKING VOLTAGE = 315VCONTACT
RESISTANCE = 7.5 m Ω
TEST VOLTAGE = 950V
WORKING VOLTAGE = 315VCONTACT
RESISTANCE = 10 m Ω
TEST VOLTAGE = 900V
WORKING VOLTAGE = 300VCONTACT
RESISTANCE = 10 m Ω
TEST VOLTAGE = 800V
WORKING VOLTAGE = 260V

RoHS COMPLIANT

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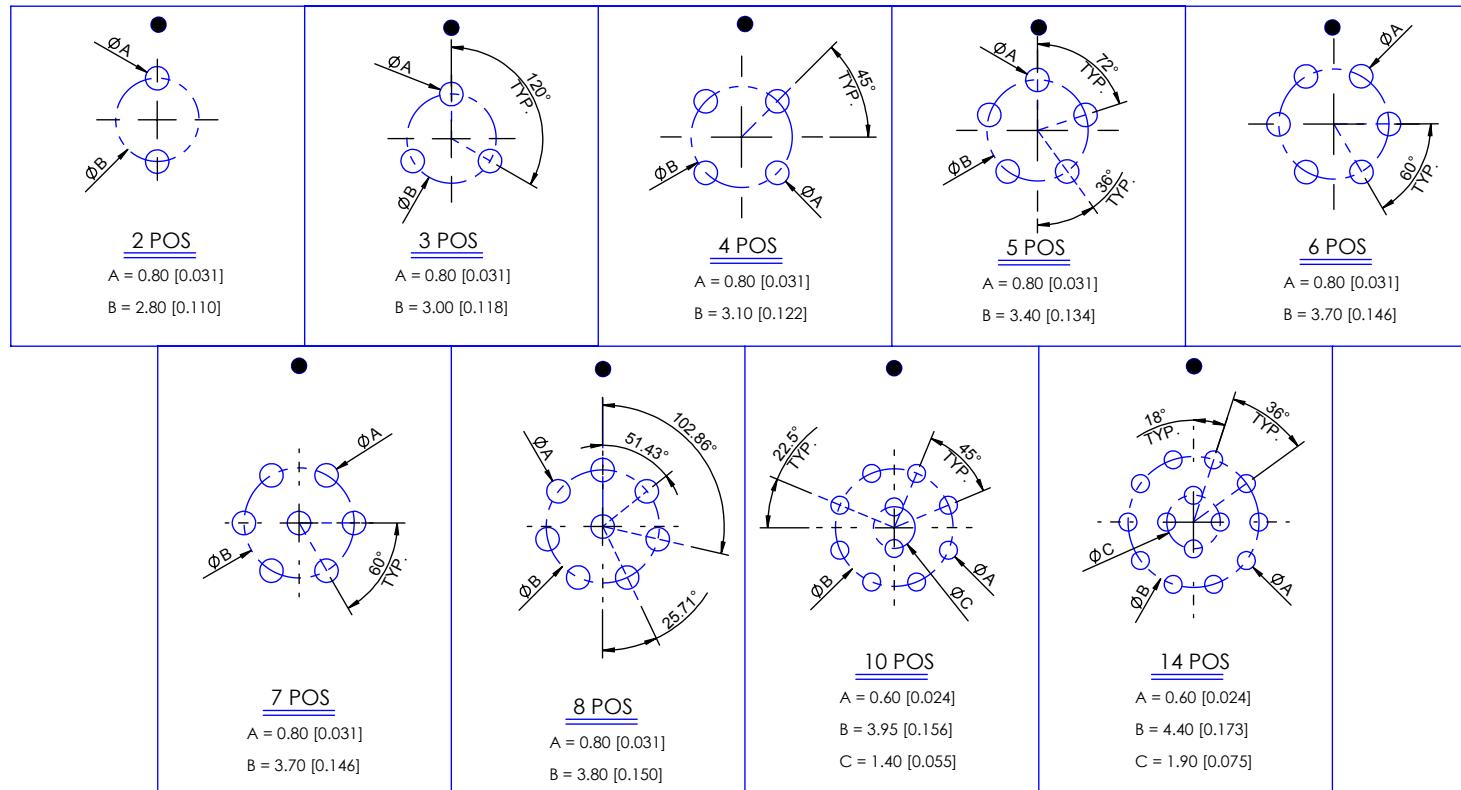
DRAWN:
M. SIGMONDATE:
02-10-16SCALE:
N.T.S.

SHEET 1 OF 2 REV: 3

DWG NO.
821BYYY-213R001

BOARD LAYOUTS

● = KEY LOCATION



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