

821B YYY - 2 1 3 R 00 1

SERIES 12.00 [0.475]

OF POSITIONS (Ex. 002)

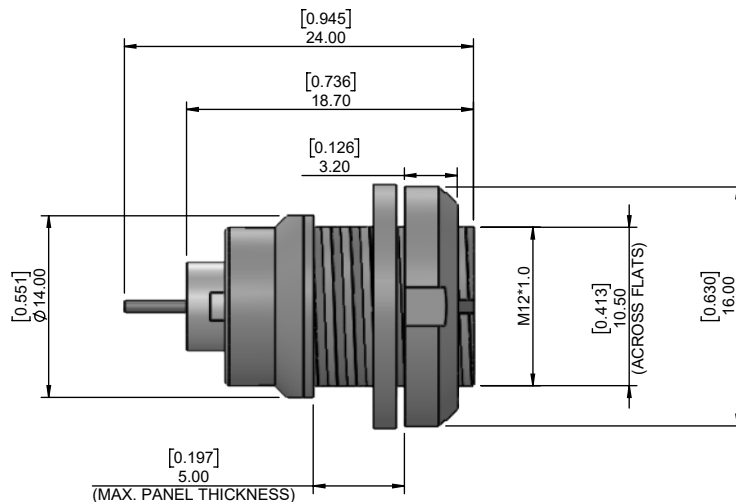
SEE CHART A

2 = FEMALE

VERTICAL (PANEL MOUNT)

1 = GOLD FLASH

NICKEL/CHROME PLATED SHELL



CHARACTERISSTICS

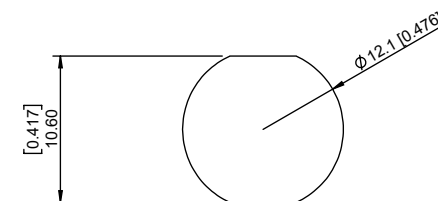
MATERIALS

SHELL : BRASS
 SHELL PLATING : NICKEL
 NUT : BRASS
 NUT PLATING : NICKEL
 LATCH SLEEVE : BRASS
 LATCH SLEEVE PLATING : NICKEL
 CONTACTS : COPPER ALLOY
 CONTACT PLATING : GOLD PLATED OVER NICKEL
 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]

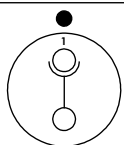
CHART A

● = KEY LOCATION

VIEW FROM TERMINATION END

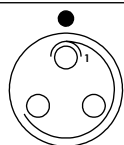
NOTE

SEE PAGE 2 FOR BOARD LAYOUTS



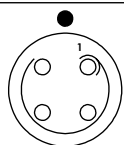
2 POSITION
 15 AMP MAX.
 PIN Ø = 1.30 [0.051]

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



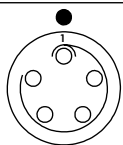
3 POSITION
 12 AMP MAX.
 PIN Ø = 1.30 [0.051]

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



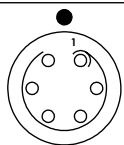
4 POSITION
 10 AMP MAX.
 PIN Ø = 0.90 [0.035]

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



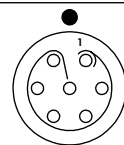
5 POSITION
 9 AMP MAX.
 PIN Ø = 0.90 [0.035]

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



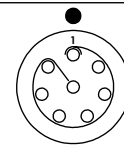
6 POSITION
 7 AMP MAX.
 PIN Ø = 0.70 [0.028]

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



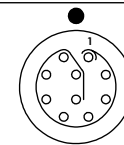
7 POSITION
 7 AMP MAX.
 PIN Ø = 0.70 [0.028]

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



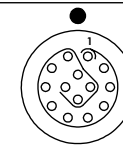
8 POSITION
 5 AMP MAX.
 PIN Ø = 0.70 [0.028]

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



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

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



14 POSITION
 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

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 M. SIGMON

DATE:
 02-10-16

SCALE:
 N.T.S.

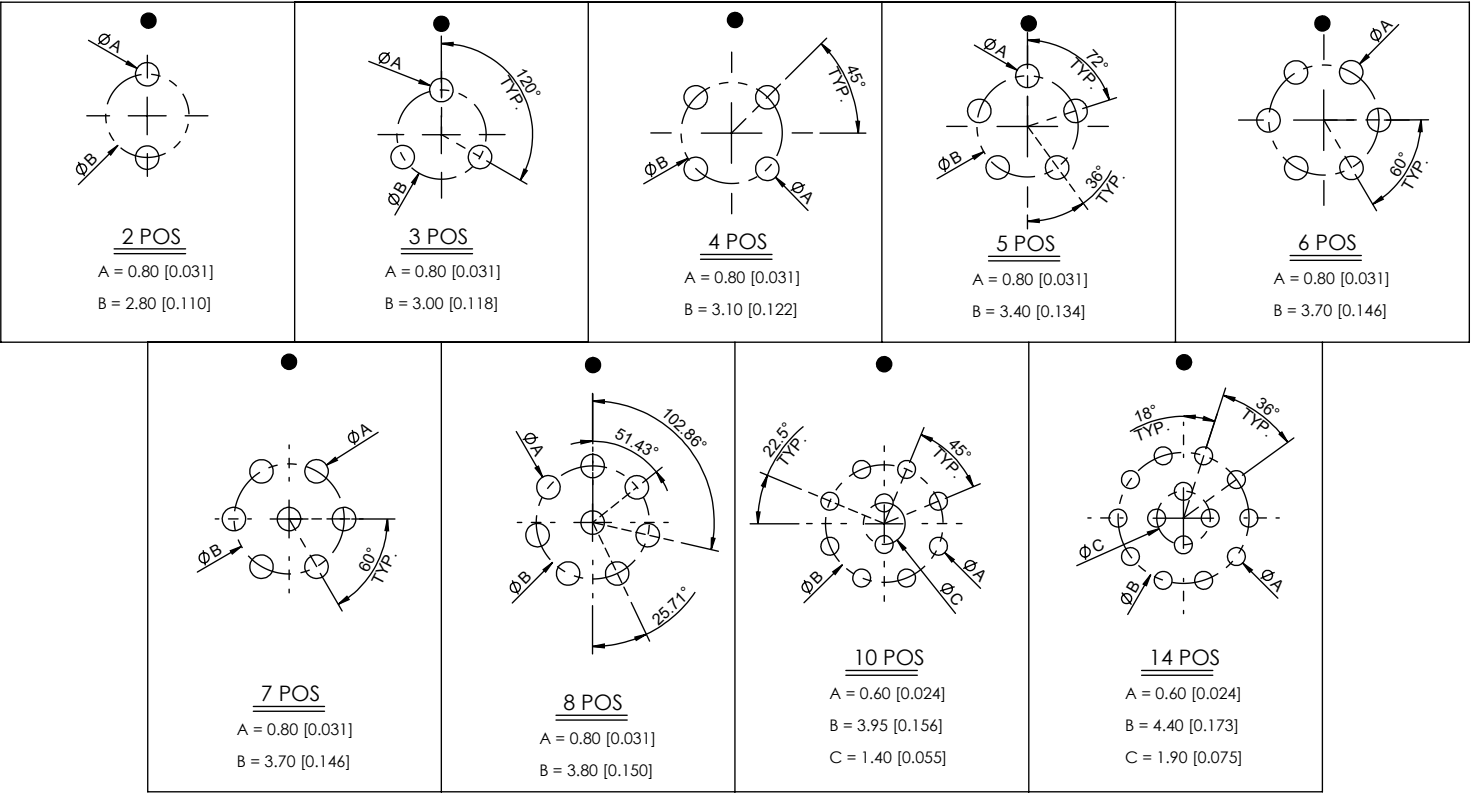
SHEET OF
 1 2

REV:
 4

DWG NO.
 821BYYY-213R001

BOARD LAYOUTS

● = KEY LOCATION



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SHEET
2 OF 2

REV:
4

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