

821B R YY - 2 1 3 R 00 1

SERIES 12.00 [0.475]

R = RIGHT ANGLE

# OF POSITIONS (Ex. 02) \*\*SEE CHART A\*\*

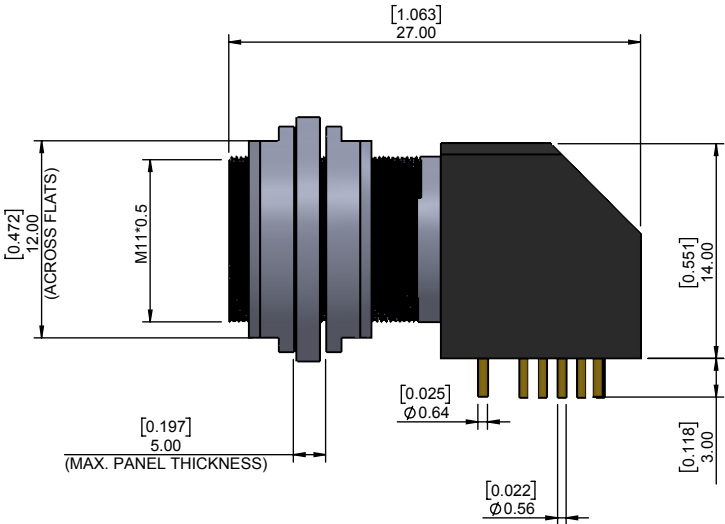
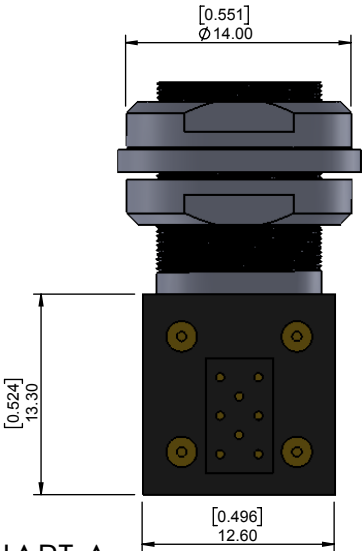
1 = GOLD FLASH

RoHS COMPLIANT

NICKEL/CHROME PLATED SHELL

VERTICAL (PANEL MOUNT)

2 = FEMALE



CHARACTERISSTICS

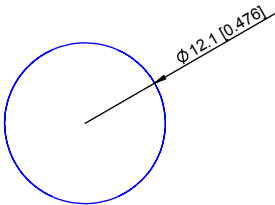
MATERIALS

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



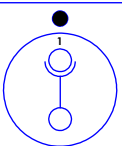
PANEL CUTOUT

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

CHART A

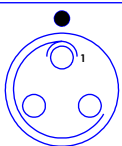
● = KEY LOCATION

\*\*VIEW FROM MATING FACE\*\*



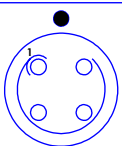
2 POSITION  
12 AMP MAX.  
PIN Ø = 1.30 [0.051]

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



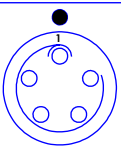
3 POSITION  
12 AMP MAX.  
PIN Ø = 1.30 [0.051]

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



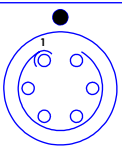
4 POSITION  
6 AMP MAX.  
PIN Ø = 0.90 [0.035]

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



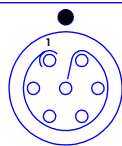
5 POSITION  
6 AMP MAX.  
PIN Ø = 0.90 [0.035]

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



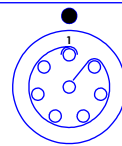
6 POSITION  
6 AMP MAX.  
PIN Ø = 0.70 [0.028]

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



7 POSITION  
6 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

\*\*NOTE\*\*  
SEE PAGE 2 FOR  
BOARD LAYOUTS

RoHS COMPLIANT



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DRAWN:  
M. SIGMON

DATE:  
02-15-16

SCALE:  
N.T.S.

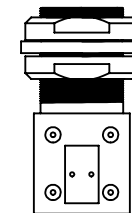
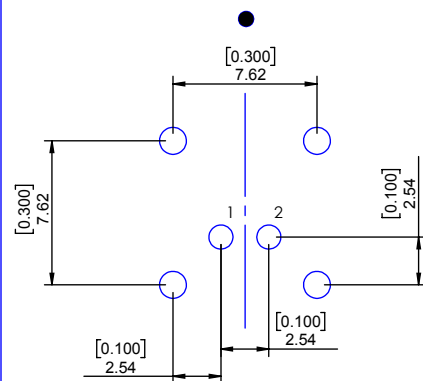
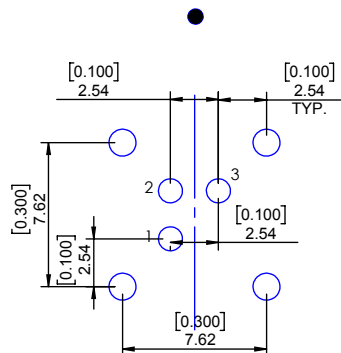
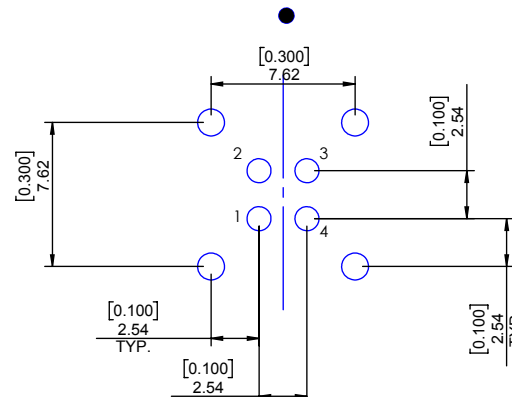
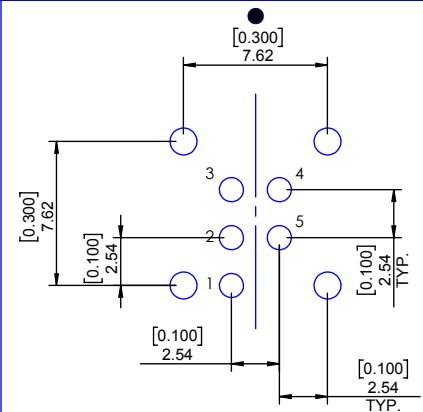
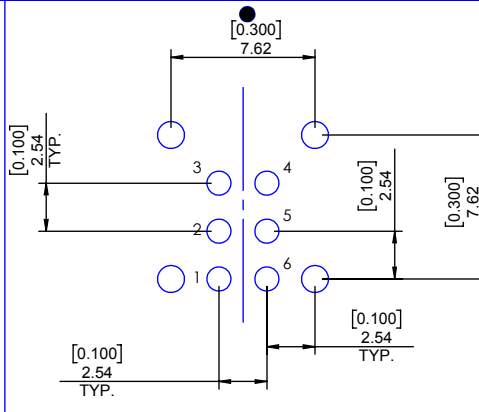
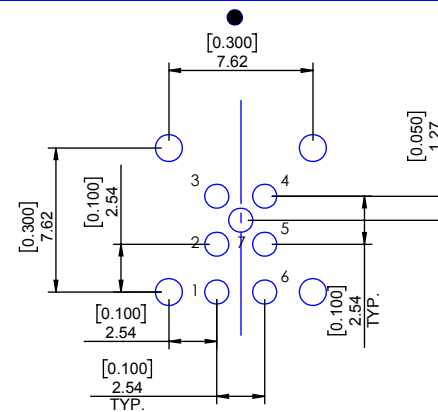
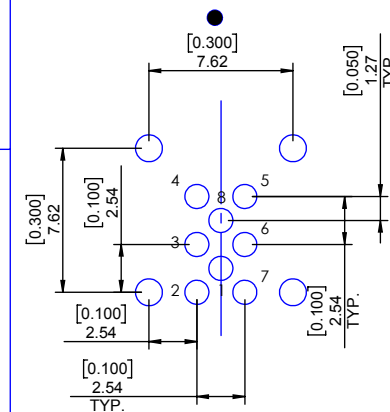
SHEET OF  
1 2

REV:  
3

DWG NO.  
821BRYY-213R001

## BOARD LAYOUTS

● = KEY LOCATION

ALL HOLE SIZES:  $\varnothing 0.80$  [0.031]VIEW SHOWN FOR  
CONNECTOR ORIENTATION2 POS3 POS4 POS5 POS6 POS7 POS8 POS

RoHS COMPLIANT



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N.T.S.

SHEET

OF

2 2

REV:

3

DWG NO.

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