

820B R YY - 2 1 3 R 00 1

SERIES  
9.50 [0.374]

R = RIGHT ANGLE

# OF POSITIONS  
(Ex. 02)

\*\*SEE CHART A\*\*

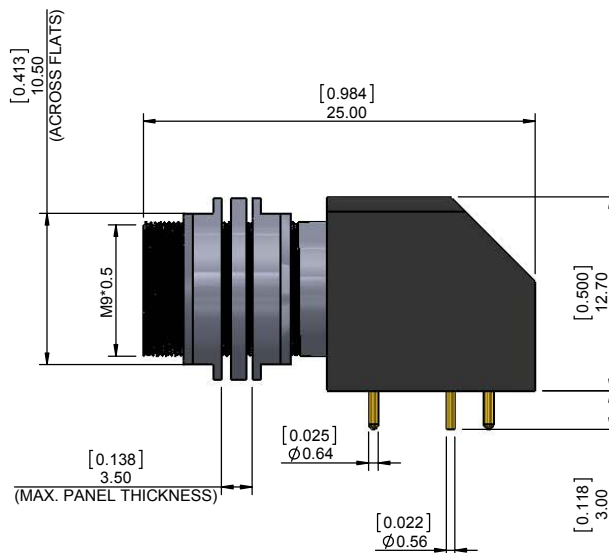
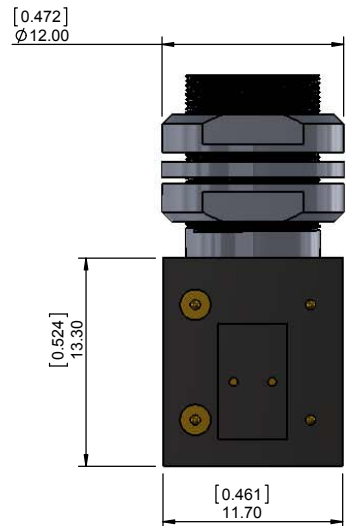
2 = FEMALE

1 = GOLD FLASH

RoHS COMPLIANT

NICKEL/CHROME PLATED SHELL

VERTICAL (PANEL MOUNT)



CHARACTERISSTICS

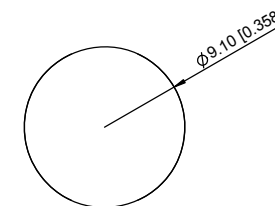
MATERIALS

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 : 2.5 Nm [22.1 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

2 POSITION 10 AMP MAX. PIN Ø = 0.90 [0.035]	3 POSITION 8 AMP MAX. PIN Ø = 0.90 [0.035]	4 POSITION 7 AMP MAX. PIN Ø = 0.70 [0.028]	5 POSITION 6.5 AMP MAX. PIN Ø = 0.70 [0.028]	6 POSITION 2.5 AMP MAX. PIN Ø = 0.50 [0.020]	7 POSITION 2.5 AMP MAX. PIN Ø = 0.50 [0.020]
CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V	CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1200V WORKING VOLTAGE = 400V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 800V WORKING VOLTAGE = 260V

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

RoHS COMPLIANT



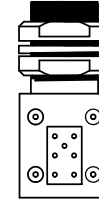
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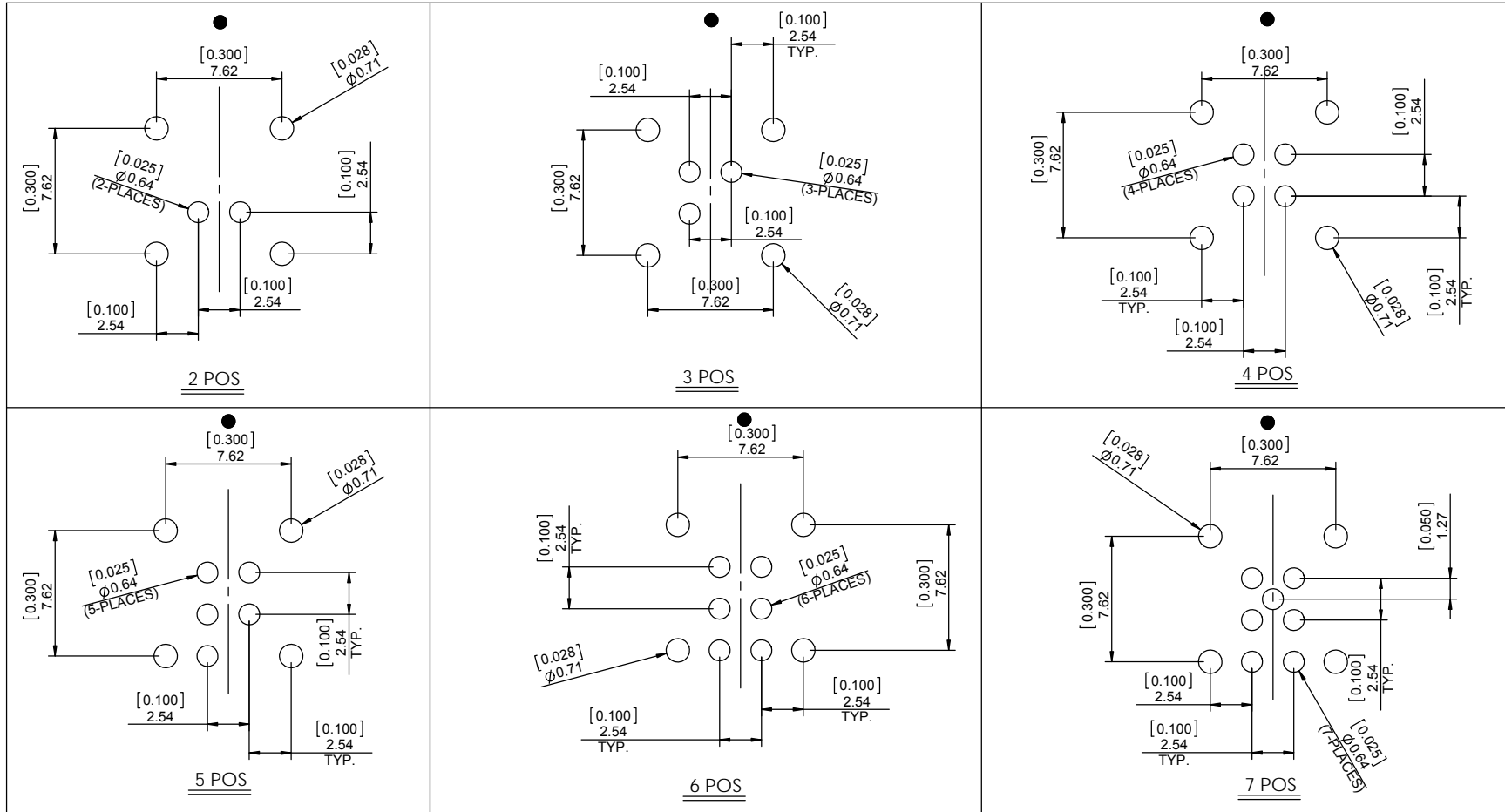
DRAWN: M. SIGMON	DATE: 02-12-16	SCALE: N.T.S.	SHEET 1 OF 2	REV: 0
CHECKED:	DATE:		DWG NO. 820BRY-213R001	

# BOARD LAYOUTS

● = KEY LOCATION



VIEW SHOWN FOR  
CONNECTOR ORIENTATION



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# NorComp

DRAWN:  
M. SIGMON

DATE:  
02-12-16

SCALE:  
N.T.S.

SHEET OF  
2 2

REV:  
0

CHECKED:

DATE:

DWG NO.  
820BRY-213R001