

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

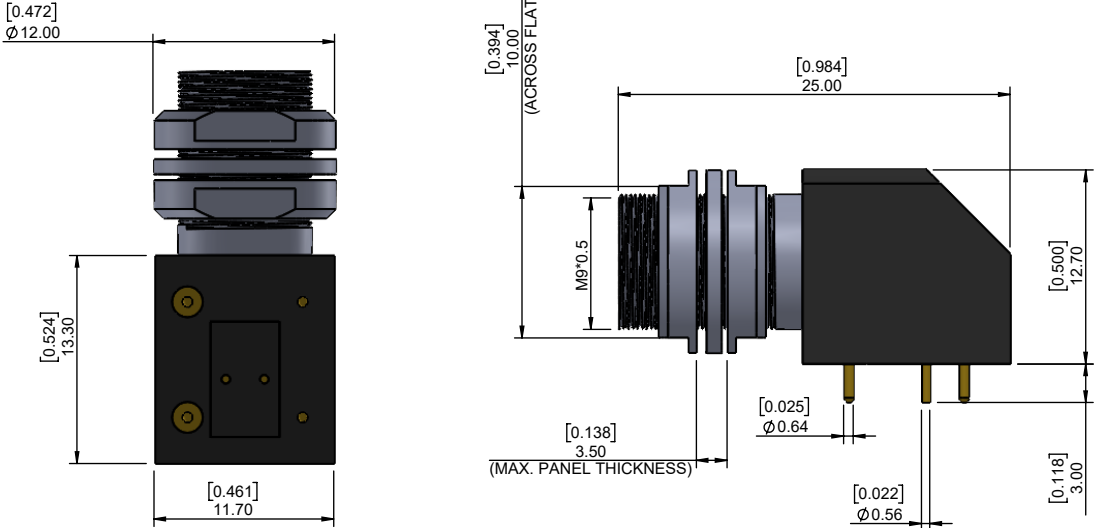
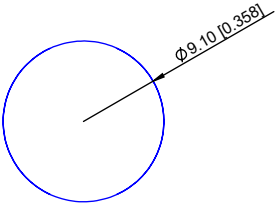


CHART A

● = KEY LOCATION

VIEW FROM MATING FACE



PANEL CUTOUT

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

2 POSITION 6 AMP MAX. PIN Ø = 0.90 [0.035]	3 POSITION 6 AMP MAX. PIN Ø = 0.90 [0.035]	4 POSITION 6 AMP MAX. PIN Ø = 0.70 [0.028]	5 POSITION 6 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 = 1000V WORKING VOLTAGE = 330V	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

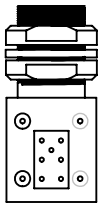
RoHS COMPLIANT

	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.	NorComp	DRAWN: M. SIGMON	DATE: 02-12-16	SCALE: N.T.S.	SHEET 1 OF 2	REV: 3
						DWG NO. 820BRY-213R001	

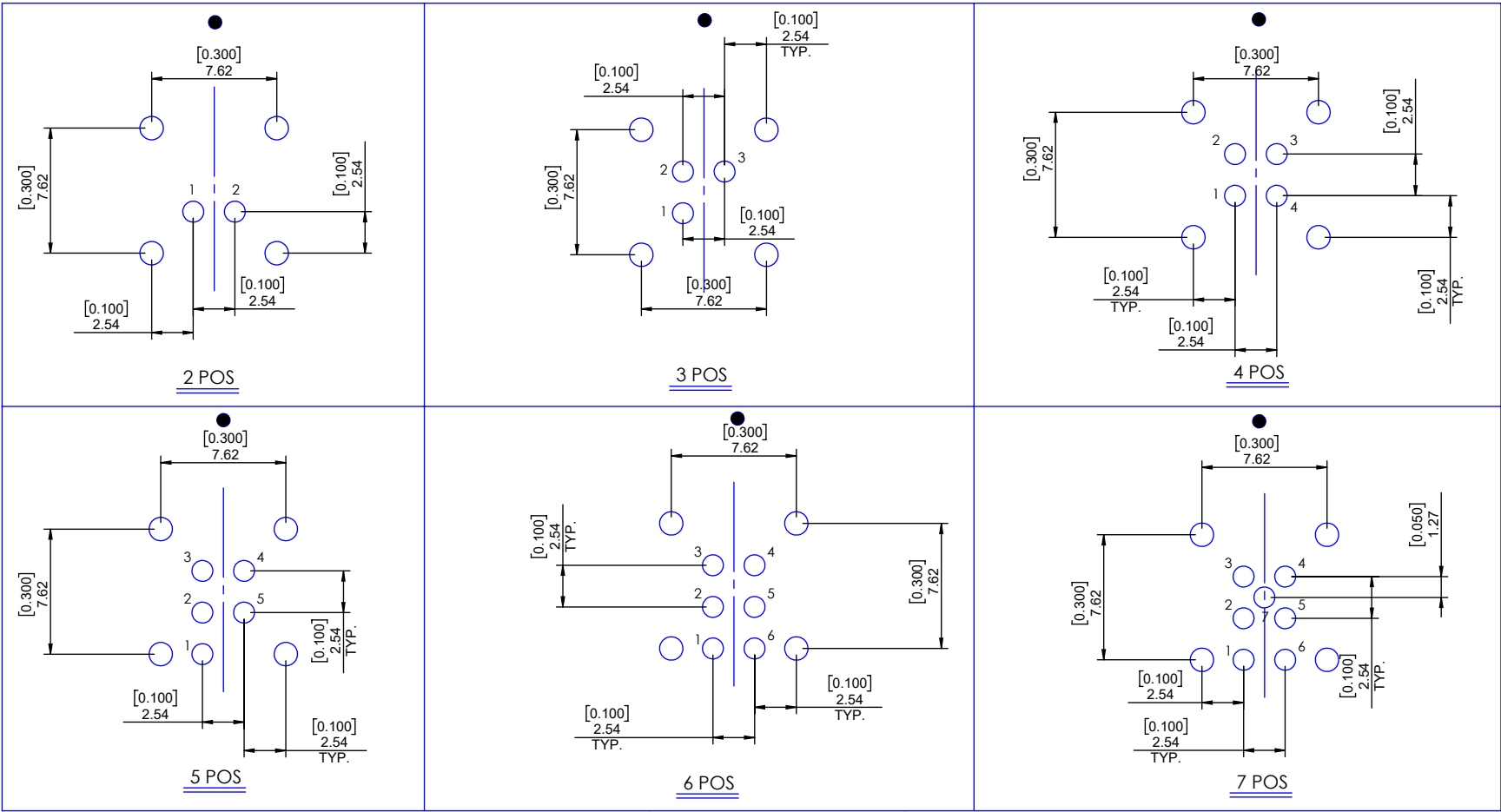
BOARD LAYOUTS

● = KEY LOCATION

ALL HOLE SIZES: 0.80 [0.031]



VIEW SHOWN FOR
CONNECTOR ORIENTATION



RoHS COMPLIANT



THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

NorComp

DRAWN: M. SIGMON	DATE: 02-12-16	SCALE: N.T.S.	SHEET 2 OF 2	REV: 3
			DWG NO. 820BRY-213R001	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

NorComp:

[820BR05-213R001](#) [820BR06-213R001](#) [820BR04-213R001](#) [820BR03-213R001](#) [820BR02-213R001](#) [820BR07-213R001](#)