

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

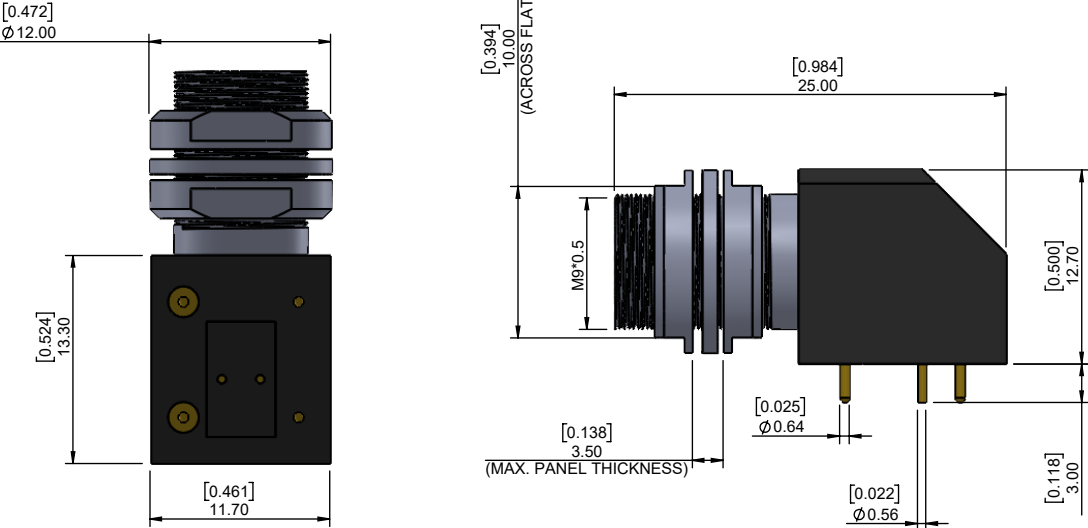
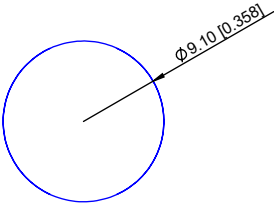


CHART A

● = 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

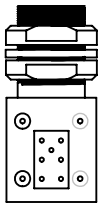
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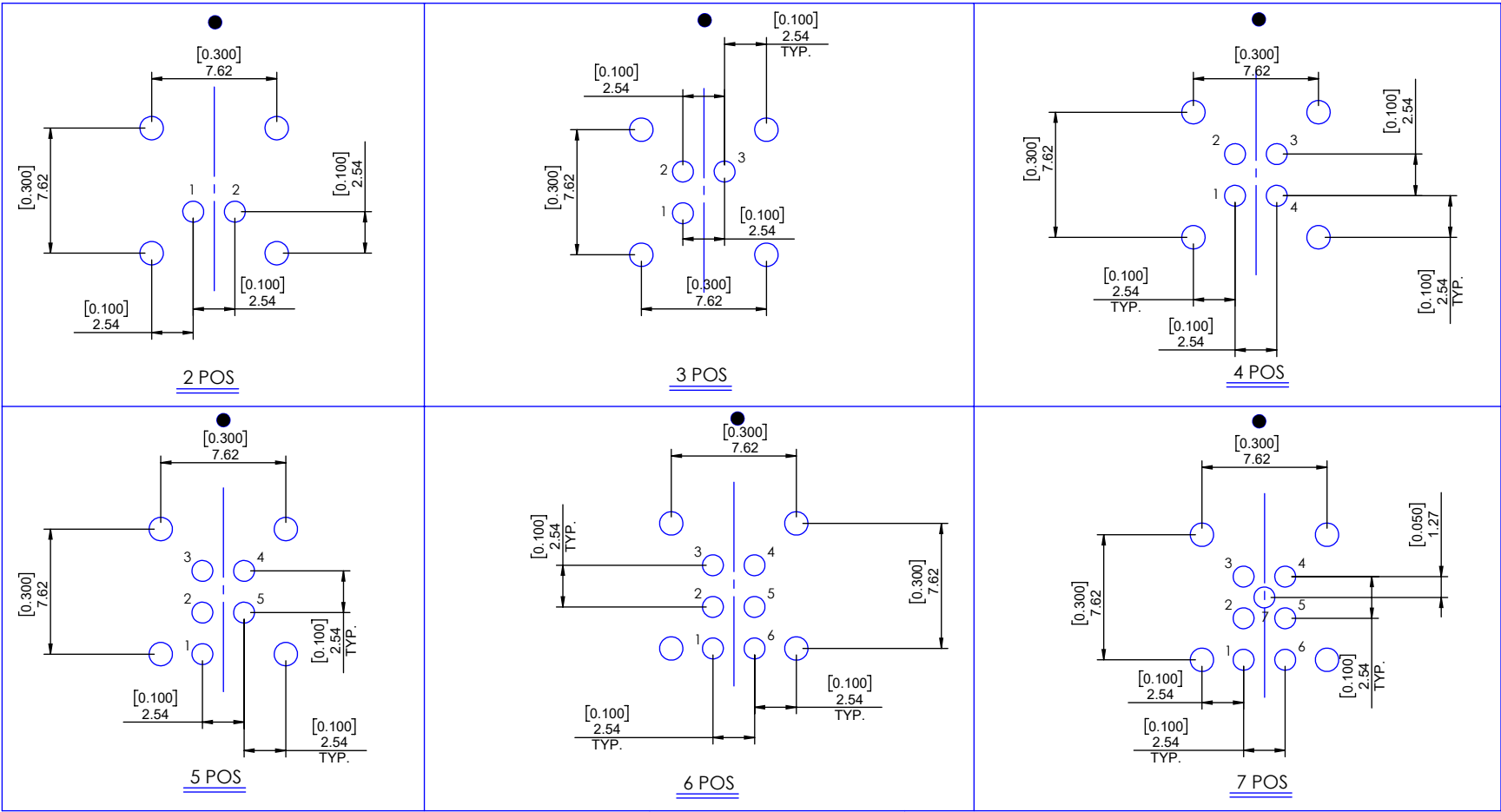
BOARD LAYOUTS

● = KEY LOCATION

ALL HOLE SIZES: 0.80 [0.031]



VIEW SHOWN FOR
CONNECTOR ORIENTATION



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