

CHARACTERISTICS

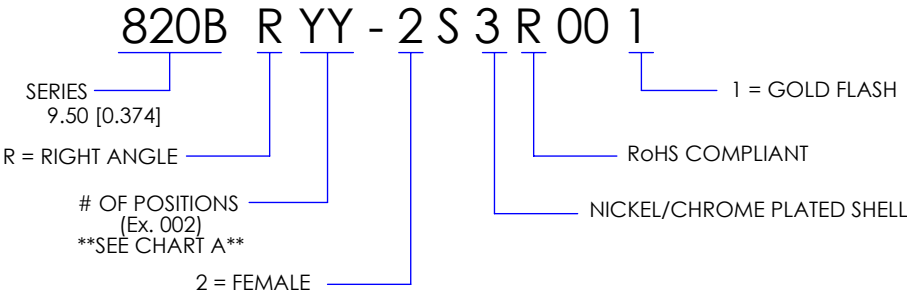
MATERIALS

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 IN/lbs]  
SHIELDING: 75dB @ 10MHz  
40dB @ 1GHz

IP RATING: 50



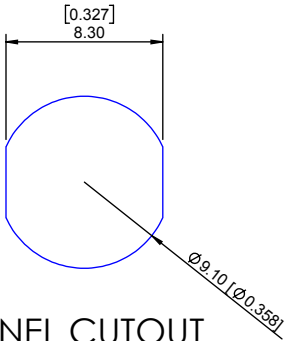
**\*\*NOTE\*\***  
SEE PAGE 2 FOR BOARD LAYOUTS

CHART A

● = KEY LOCATION

\*\*VIEW FROM TERMINATION END\*\*


<p>2 POSITION 6 AMP MAX. PIN Ø = 0.90 [0.035]</p> <p>CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1000V WORKING VOLTAGE = 330V</p>	<p>3 POSITION 6 AMP MAX. PIN Ø = 0.90 [0.035]</p> <p>CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1200V WORKING VOLTAGE = 400V</p>	<p>4 POSITION 6 AMP MAX. PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V</p>	<p>5 POSITION 6 AMP MAX. PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V</p>	<p>6 POSITION 2.5 AMP MAX. PIN Ø = 0.50 [0.020]</p> <p>CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V</p>	<p>7 POSITION 2.5 AMP MAX. PIN Ø = 0.50 [0.020]</p> <p>CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 800V WORKING VOLTAGE = 260V</p>	<p>9 POSITION 2 AMP MAX. PIN Ø = 0.50 [0.020]</p> <p>CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 600V WORKING VOLTAGE = 200V</p>
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PANEL CUTOUT

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

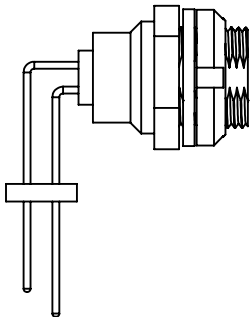
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			M. SIGMON	12-02-16	N.T.S.	1	2	3
			DWG NO. 820BRY-2S3R001					

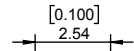
BOARD LAYOUTS (TOP VIEW)

NOTE : \*\*HOLE DIAMETERS ARE TYPICAL ALL SIZES\*\*

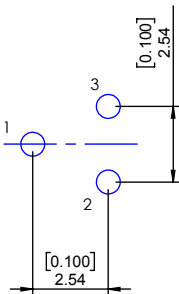
● = KEY LOCATION / PCB EDGE



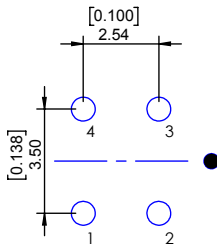
HOLE DIAMETER  
POS. 2-7: 0.70 [0.028]  
POS. 9: 0.60 [0.024]



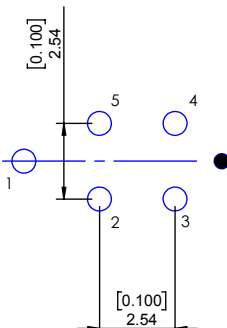
2 POS



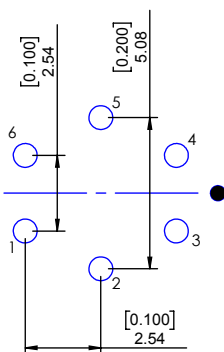
3 POS



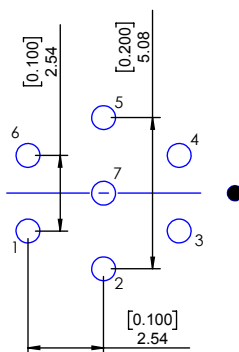
4 POS



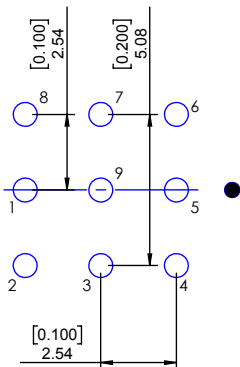
5 POS



6 POS



7 POS



9 POS

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NorComp

DRAWN:  
M. SIGMON

DATE:  
12-02-16

SCALE:  
N.T.S.

SHEET  
2 OF 2

REV:  
3

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