

CHARACTERISTICS

MATERIALS

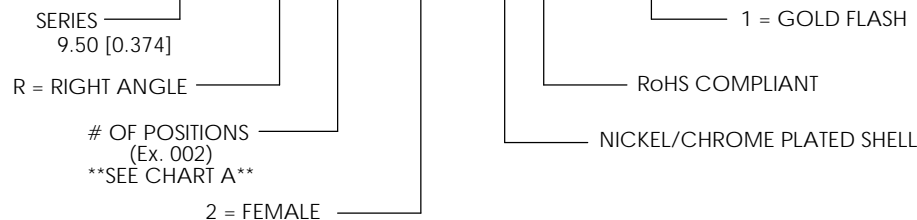
SHELL : BRASS
 SHELL PLATING : NICKEL
 NUT : BRASS
 NUT PLATING : NICKEL
 LATCH SLEEVE : BRASS
 LATCH SLEEVE PLATING : NICKEL
 CONTACTS : COPPER ALLOY
 CONTACT PLATING : 7µ" GOLD PLATED OVER 196µ" NICKEL MIN.
 INSULATOR : PPS (HIGH TEMPERATURE)

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

820B R YY - 2 S 3 R 00 1



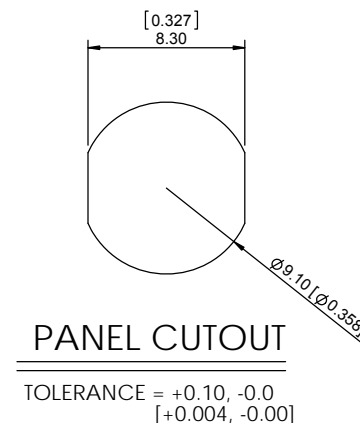
****NOTE****
 SEE PAGE 2 FOR BOARD LAYOUTS

CHART A

● = KEY LOCATION

VIEW FROM TERMINATION END

 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]	 9 POSITION 2 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	CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 600V WORKING VOLTAGE = 200V



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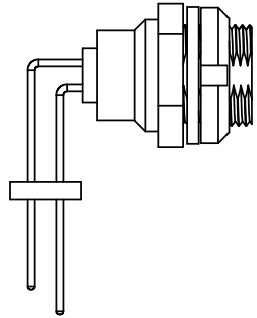
NorComp

DRAWN: M. SIGMON	DATE: 12-02-16	SCALE: N.T.S.	SHEET 1	OF 2	REV: 2
CHECKED:	DATE:		DWG NO. 820BRY-2S3R001		

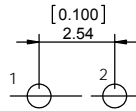
BOARD LAYOUTS (TOP VIEW)

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

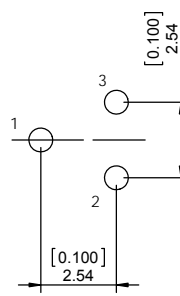
● = KEY LOCATION / PCB EDGE



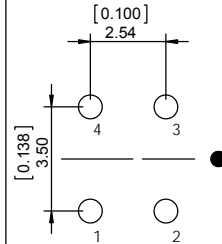
HOLE DIAMETER
 POS. 2-5: 0.80 [0.031]
 POS. 6-9: 0.70 [0.028]



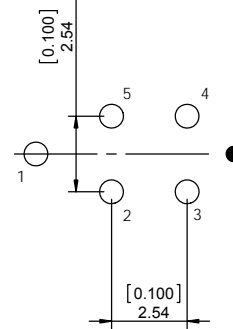
2 POS



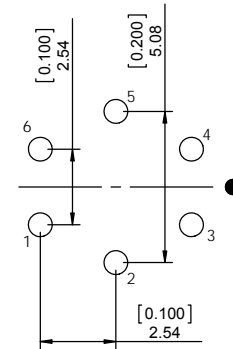
3 POS



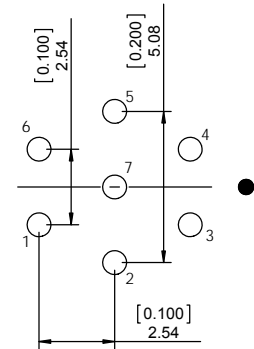
4 POS



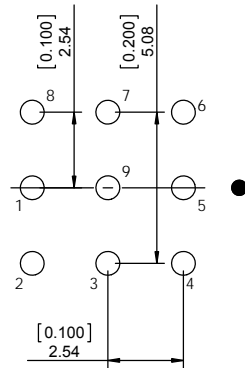
5 POS



6 POS



7 POS



9 POS

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