

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 : 6.0 Nm [53 IN/lbs]  
SHIELDING: 75dB @ 10MHz  
40dB @ 1GHz

IP RATING: 50

822B YYY - 2 1 3 R 00 1

SERIES 15.00 [0.591]

# OF POSITIONS (Ex. 002)

\*\*SEE CHART A\*\*

2 = FEMALE

VERTICAL (PANEL MOUNT)

1 = GOLD FLASH

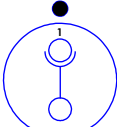
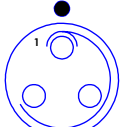
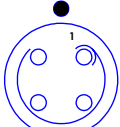
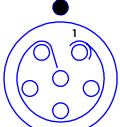
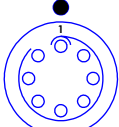
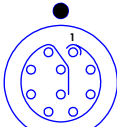
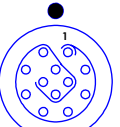
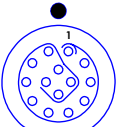
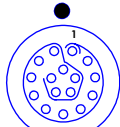
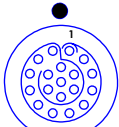
RoHS COMPLIANT

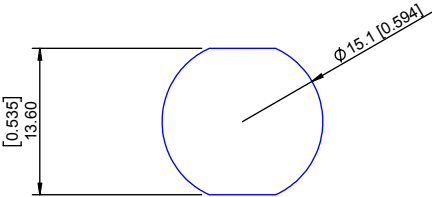
NICKEL/CHROME PLATED SHELL

CHART A

● = KEY LOCATION

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

 <p>2 POSITION 25 AMP MAX. PIN <math>\phi</math> = 2.00 [0.079]</p> <p>CONTACT RESISTANCE = 3 m<math>\Omega</math> TEST VOLTAGE = 2100V WORKING VOLTAGE = 700V</p>	 <p>3 POSITION 17 AMP MAX. PIN <math>\phi</math> = 1.60 [0.063]</p> <p>CONTACT RESISTANCE = 4 m<math>\Omega</math> TEST VOLTAGE = 2400V WORKING VOLTAGE = 800V</p>	 <p>4 POSITION 15 AMP MAX. PIN <math>\phi</math> = 1.30 [0.051]</p> <p>CONTACT RESISTANCE = 5 m<math>\Omega</math> TEST VOLTAGE = 1850V WORKING VOLTAGE = 615V</p>	 <p>6 POSITION 12 AMP MAX. PIN <math>\phi</math> = 1.30 [0.051]</p> <p>CONTACT RESISTANCE = 5 m<math>\Omega</math> TEST VOLTAGE = 1350V WORKING VOLTAGE = 450V</p>	 <p>8 POSITION 10 AMP MAX. PIN <math>\phi</math> = 0.90 [0.035]</p> <p>CONTACT RESISTANCE = 6 m<math>\Omega</math> TEST VOLTAGE = 1500V WORKING VOLTAGE = 500V</p>	VERTICAL (P **SEE CHART I
 <p>10 POSITION 8 AMP MAX. PIN <math>\phi</math> = 0.90 [0.035]</p> <p>CONTACT RESISTANCE = 6 m<math>\Omega</math> TEST VOLTAGE = 1450V WORKING VOLTAGE = 500V</p>	 <p>12 POSITION 7 AMP MAX. PIN <math>\phi</math> = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 m<math>\Omega</math> TEST VOLTAGE = 1250V WORKING VOLTAGE = 480V</p>	 <p>14 POSITION 6.5 AMP MAX. PIN <math>\phi</math> = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 m<math>\Omega</math> TEST VOLTAGE = 1150V WORKING VOLTAGE = 380V</p>	 <p>16 POSITION 6 AMP MAX. PIN <math>\phi</math> = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 m<math>\Omega</math> TEST VOLTAGE = 950V WORKING VOLTAGE = 315V</p>	 <p>19 POSITION 5 AMP MAX. PIN <math>\phi</math> = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 m<math>\Omega</math> TEST VOLTAGE = 950V WORKING VOLTAGE = 315V</p>	



PANEL CUTOUT

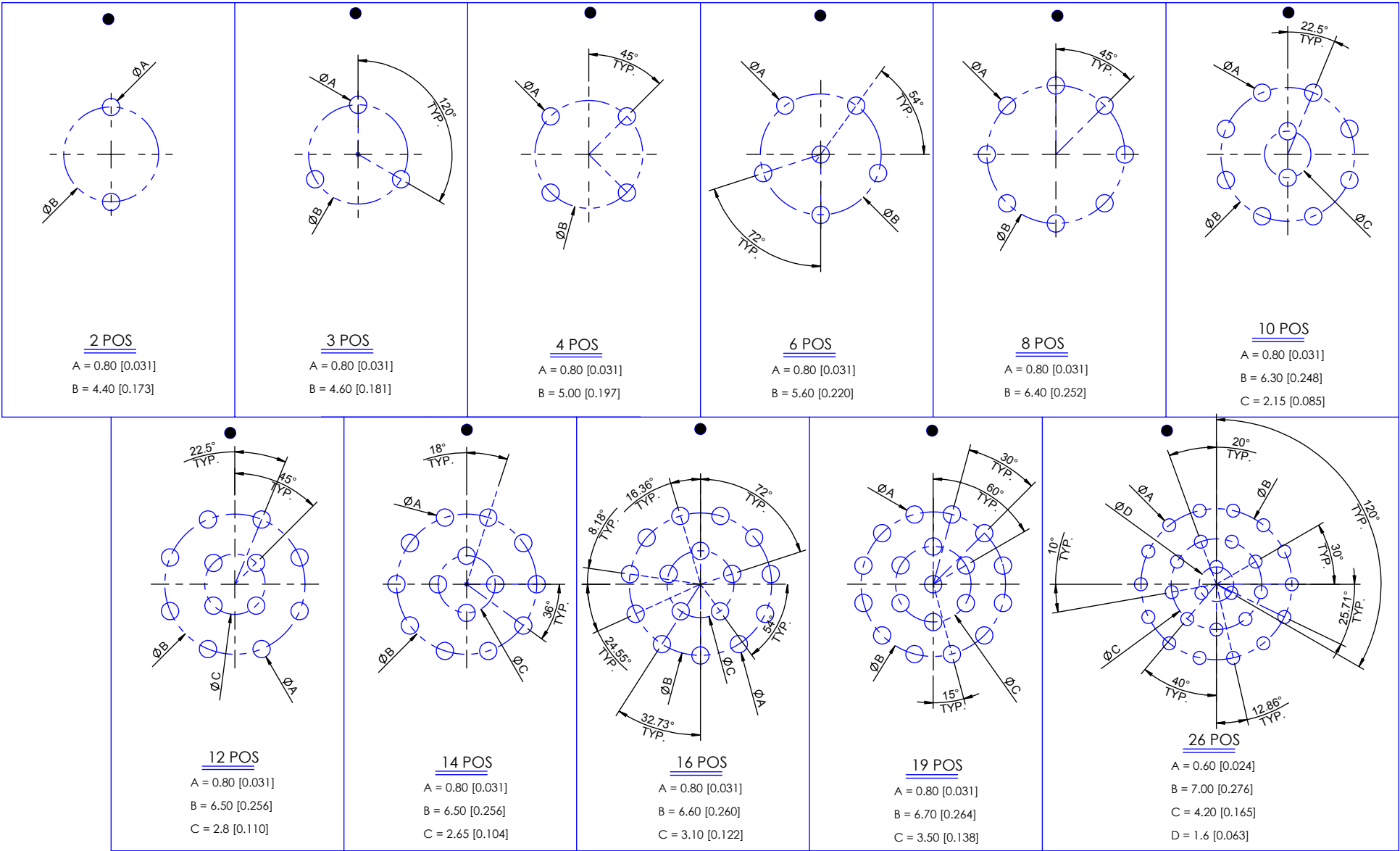
TOLERANCE = +0.10, -0.0  
[+0.004, -0.00]

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

RoHS COMPLIANT

BOARD LAYOUTS

● = KEY LOCATION



RoHS COMPLIANT



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NorComp

DRAWN:  
M. SIGMON

DATE:  
02-10-16

SCALE:  
N.T.S.

SHEET  
2 OF 2

REV:  
3

DWG NO.  
822BYYY-213R001