

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

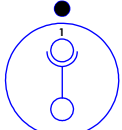
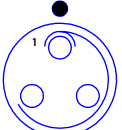
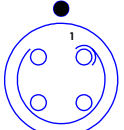
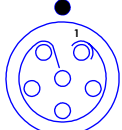
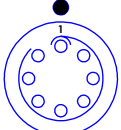
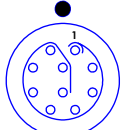
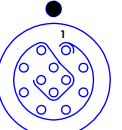
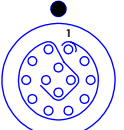
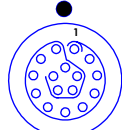
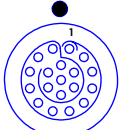
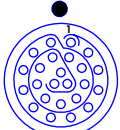
DURABILITY: 5000 CYCLES  
OPERATING TEMP. RANGE: -40° C ~ +200° C  
PROCESS TEMPERATURE : 260°C FOR 5 SECONDS  
MAX. TORQUE VALUE : 6.0 Nm [53 IN/lbs]  
SHIELDING: 75dB @ 10MHz  
40dB @ 1GHz

IP RATING: 50

CHART A

● = KEY LOCATION

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

 <p>2 POSITION 16 AWG MAX. 20.5 AMP MAX. PIN Ø = 2.00 [0.079]</p> <p>CONTACT RESISTANCE = 3 mΩ TEST VOLTAGE = 2100V WORKING VOLTAGE = 700V</p>	 <p>3 POSITION 18 AWG MAX. 17 AMP MAX. PIN Ø = 1.60 [0.063]</p> <p>CONTACT RESISTANCE = 4 mΩ TEST VOLTAGE = 2400V WORKING VOLTAGE = 800V</p>	 <p>4 POSITION 20 AWG MAX. 15 AMP MAX. PIN Ø = 1.30 [0.051]</p> <p>CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1850V WORKING VOLTAGE = 615V</p>	 <p>6 POSITION 20 AWG MAX. 12 AMP MAX. PIN Ø = 1.30 [0.051]</p> <p>CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1350V WORKING VOLTAGE = 450V</p>	 <p>8 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 0.90 [0.035]</p> <p>CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1500V WORKING VOLTAGE = 500V</p>	<p>(Ex. 002) **SEE CHART A</p> <p>SOLDER CUP</p>
 <p>10 POSITION 22 AWG MAX. 8 AMP MAX. PIN Ø = 0.90 [0.035]</p> <p>CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1450V WORKING VOLTAGE = 500V</p>	 <p>12 POSITION 24 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 480V</p>	 <p>14 POSITION 24 AWG MAX. 6.5 AMP MAX. PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1150V WORKING VOLTAGE = 380V</p>	 <p>16 POSITION 24 AWG MAX. 6 AMP MAX. PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V</p>	 <p>19 POSITION 24 AWG MAX. 5 AMP MAX. PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V</p>	 <p>26 POSITION 28 AWG MAX. 1.5 AMP MAX. PIN Ø = 0.50 [0.020]</p> <p>CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V</p>

822B YYY - 2 0 3 R 00 1

SERIES 15.00 [0.591]

# OF POSITIONS (Ex. 002)

\*\*SEE CHART A\*\*

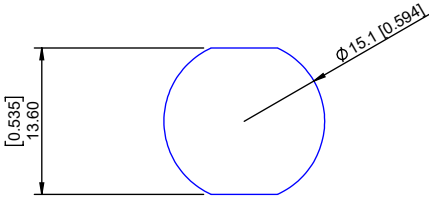
2 = FEMALE

SOLDER CUP (PANEL MOUNT)

1 = GOLD FLASH

RoHS COMPLIANT

NICKEL/CHROME PLATED SHELL



PANEL CUTOUT

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

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:

02-05-16

SCALE:

N.T.S.

SHEET

OF

1

1

REV:

5

DWG NO.

822BYYY-203R001