

8P1P YYY 2 0 0 YRB 01

SERIES 14.00 [0.551]

# OF POSITIONS (Ex. 002) \*\*SEE CHART A\*\*

2 = FEMALE

SOLDER CUP (PANEL MOUNT)

1 = GOLD FLASH

RoHS COMPLIANT

NUT "B" COLOR  
G = GREY  
A = BLUE  
J = YELLOW  
N = BLACK  
R = RED  
V = GREEN

PLASTIC SHELL

CHARACTERISTICS

MATERIALS

HOUSING : ABS+PC

HOUSING COLOR : GREY

NUT A : BRASS

NUT A PLATING : NICKEL

CONTACTS : COPPER ALLOY

CONTACT PLATING : 7µ" GOLD PLATED OVER 196µ" NICKEL MIN.

INSULATOR : PPS (HIGH TEMPERATURE)

MECHANICAL

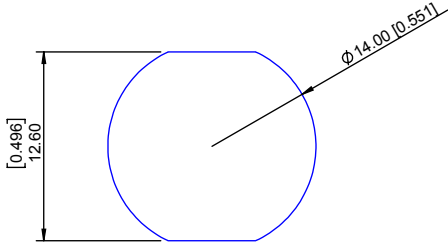
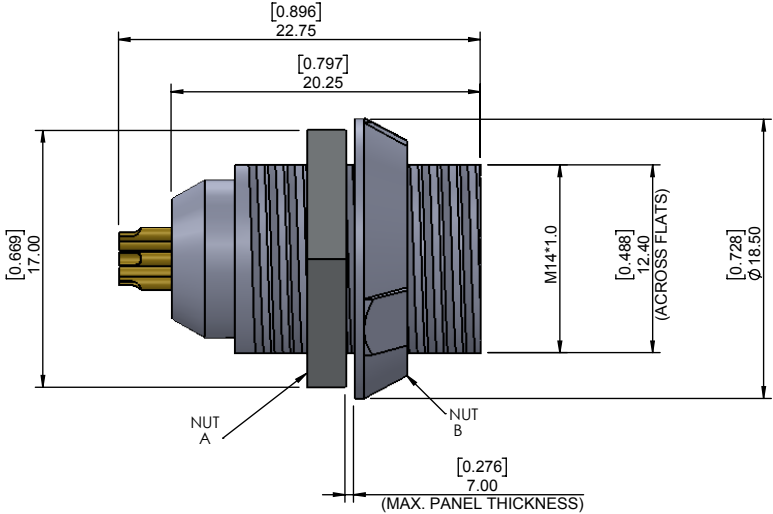
DURABILITY: 2000 CYCLES

OPERATING TEMP. RANGE: -20° C ~ +120° C

PROCESS TEMPERATURE : 260°C FOR 5 SECONDS

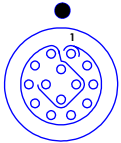
MAX. TORQUE VALUE : 0.7 Nm [6.19 IN/lbs]

IP RATING: 50



PANEL CUTOUT

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



14 POSITION  
26 AWG MAX.  
2 AMP MAX.  
PIN Ø = 0.50 [0.020]

CONTACT  
RESISTANCE = 10 mΩ  
TEST VOLTAGE = 600V  
WORKING VOLTAGE = 200V

CHART A

● = KEY LOCATION

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

|                                                                                                                                                                     |                                                                                                                                                                     |                                                                                                                                                                    |                                                                                                                                                                    |                                                                                                                                                                      |                                                                                                                                                                      |                                                                                                                                                                      |                                                                                                                                                                    |                                                                                                                                                                     |
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| <p>2 POSITION<br/>22 AWG MAX.<br/>10 AMP MAX.<br/>PIN Ø = 1.30 [0.051]</p> <p>CONTACT<br/>RESISTANCE = 5 mΩ<br/>TEST VOLTAGE = 1200V<br/>WORKING VOLTAGE = 400V</p> | <p>3 POSITION<br/>22 AWG MAX.<br/>10 AMP MAX.<br/>PIN Ø = 1.30 [0.051]</p> <p>CONTACT<br/>RESISTANCE = 5 mΩ<br/>TEST VOLTAGE = 1200V<br/>WORKING VOLTAGE = 400V</p> | <p>4 POSITION<br/>22 AWG MAX.<br/>8 AMP MAX.<br/>PIN Ø = 0.90 [0.035]</p> <p>CONTACT<br/>RESISTANCE = 6 mΩ<br/>TEST VOLTAGE = 1200V<br/>WORKING VOLTAGE = 400V</p> | <p>5 POSITION<br/>22 AWG MAX.<br/>7 AMP MAX.<br/>PIN Ø = 0.90 [0.035]</p> <p>CONTACT<br/>RESISTANCE = 6 mΩ<br/>TEST VOLTAGE = 1050V<br/>WORKING VOLTAGE = 350V</p> | <p>6 POSITION<br/>24 AWG MAX.<br/>6 AMP MAX.<br/>PIN Ø = 0.70 [0.028]</p> <p>CONTACT<br/>RESISTANCE = 7.5 mΩ<br/>TEST VOLTAGE = 1050V<br/>WORKING VOLTAGE = 350V</p> | <p>7 POSITION<br/>24 AWG MAX.<br/>5 AMP MAX.<br/>PIN Ø = 0.70 [0.028]</p> <p>CONTACT<br/>RESISTANCE = 7.5 mΩ<br/>TEST VOLTAGE = 1050V<br/>WORKING VOLTAGE = 350V</p> | <p>8 POSITION<br/>24 AWG MAX.<br/>5 AMP MAX.<br/>PIN Ø = 0.70 [0.028]</p> <p>CONTACT<br/>RESISTANCE = 7.5 mΩ<br/>TEST VOLTAGE = 1050V<br/>WORKING VOLTAGE = 350V</p> | <p>9 POSITION<br/>26 AWG MAX.<br/>3 AMP MAX.<br/>PIN Ø = 0.50 [0.020]</p> <p>CONTACT<br/>RESISTANCE = 10 mΩ<br/>TEST VOLTAGE = 850V<br/>WORKING VOLTAGE = 280V</p> | <p>10 POSITION<br/>26 AWG MAX.<br/>3 AMP MAX.<br/>PIN Ø = 0.50 [0.020]</p> <p>CONTACT<br/>RESISTANCE = 10 mΩ<br/>TEST VOLTAGE = 850V<br/>WORKING VOLTAGE = 280V</p> |
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RoHS COMPLIANT



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|---------------------|-------------------|------------------|----------------------------|-----------|
| DRAWN:<br>M. SIGMON | DATE:<br>07-29-16 | SCALE:<br>N.T.S. | SHEET<br>1 OF<br>1         | REV:<br>2 |
|                     |                   |                  | DWG NO.<br>8P1PYYY200YRB01 |           |