

820K YYY - 2 0 3 R 00 1

SERIES 11.00 [0.433]  
# OF POSITIONS (Ex. 002)  
\*\*SEE CHART A\*\*  
2= FEMALE  
SOLDER CUP (PANEL MOUNT)  
1 = GOLD FLASH  
RoHS COMPLIANT  
NICKEL/CHROME PLATED SHELL

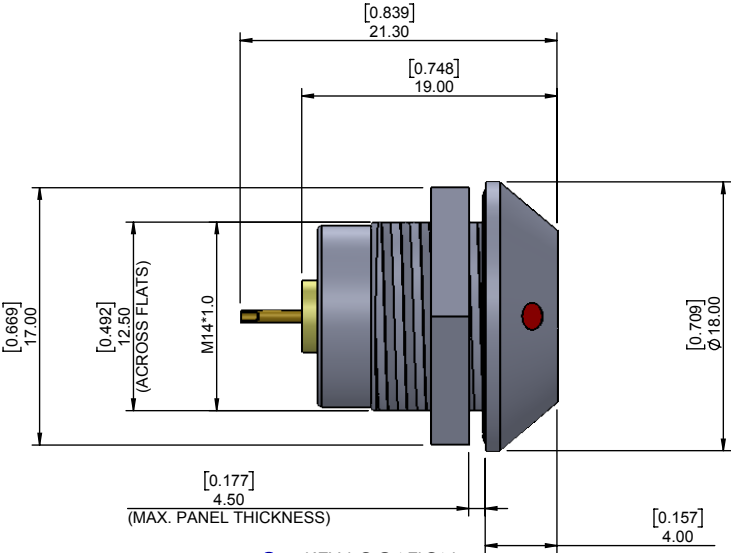


CHART A

● = KEY LOCATION

CHARACTERISSTICS

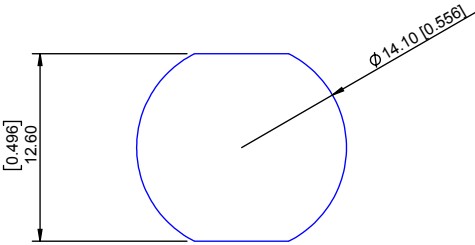
MATERIALS

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)  
O-RING: SILICONE

MECHANICAL

DURABILITY: 5000 CYCLES  
OPERATING TEMP. RANGE: -40° C ~ +200° C  
PROCESS TEMPERATURE : 260°C FOR 5 SECONDS  
MAX. TORQUE VALUE : 5.0 Nm [44.0 IN/lbs]  
SHIELDING: 75dB @ 10MHz  
40dB @ 1GHz

IP RATING: 67



PANEL CUTOUT

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

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

|                                                                             |                                                                             |                                                                              |                                                                              |                                                                             |                                                                             |                                                                             |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
|                                                                             |                                                                             |                                                                              |                                                                              |                                                                             |                                                                             |                                                                             |
| 2 POSITION<br>22 AWG MAX.<br>10 AMP MAX.<br>PIN Ø = 0.90 [0.035]            | 3 POSITION<br>22 AWG MAX.<br>8 AMP MAX.<br>PIN Ø = 0.90 [0.035]             | 4 POSITION<br>24 AWG MAX.<br>7 AMP MAX.<br>PIN Ø = 0.70 [0.028]              | 5 POSITION<br>24 AWG MAX.<br>6.5 AMP MAX.<br>PIN Ø = 0.70 [0.028]            | 6 POSITION<br>28 AWG MAX.<br>2.5 AMP MAX.<br>PIN Ø = 0.50 [0.020]           | 7 POSITION<br>28 AWG MAX.<br>2.5 AMP MAX.<br>PIN Ø = 0.50 [0.020]           | 9 POSITION<br>28 AWG MAX.<br>2 AMP MAX.<br>PIN Ø = 0.50 [0.020]             |
| CONTACT RESISTANCE = 6 mΩ<br>TEST VOLTAGE = 1000V<br>WORKING VOLTAGE = 330V | CONTACT RESISTANCE = 6 mΩ<br>TEST VOLTAGE = 1200V<br>WORKING VOLTAGE = 400V | CONTACT RESISTANCE = 7.5 mΩ<br>TEST VOLTAGE = 850V<br>WORKING VOLTAGE = 280V | CONTACT RESISTANCE = 7.5 mΩ<br>TEST VOLTAGE = 850V<br>WORKING VOLTAGE = 280V | CONTACT RESISTANCE = 10 mΩ<br>TEST VOLTAGE = 850V<br>WORKING VOLTAGE = 280V | CONTACT RESISTANCE = 10 mΩ<br>TEST VOLTAGE = 800V<br>WORKING VOLTAGE = 260V | CONTACT RESISTANCE = 10 mΩ<br>TEST VOLTAGE = 600V<br>WORKING VOLTAGE = 200V |

RoHS COMPLIANT

|  |                                                                                                                                                                                             |         |                     |                   |                  |                            |           |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------|-------------------|------------------|----------------------------|-----------|
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|  |                                                                                                                                                                                             |         |                     |                   |                  | DWG NO.<br>820KYYY-203R001 |           |