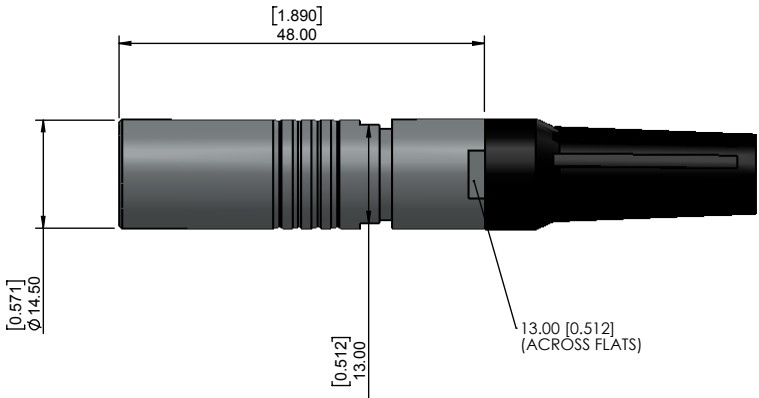




CHARACTERISSTICS

MATERIALS

HOUSING : BRASS  
HOUSING PLATING : 196µ" NICKEL MIN.  
SHELL & COLLET NUT: BRASS, 196µ" CHROME PLATED MIN.  
CONTACTS : COPPER ALLOY  
CONTACT PLATING : 7µ" GOLD PLATED OVER 196µ" NICKEL MIN.  
INSULATOR : PPS (HIGH TEMPERATURE)  
STRAIN RELIEF(BOOT) : THERMOPLASTIC POLYURETHANE

MECHANICAL

DURABILITY: 5000 CYCLES  
OPERATING TEMP. RANGE: -40° C ~ +200° C  
PROCESS TEMPERATURE : 260°C FOR 5 SECONDS  
MAX. TOURQUE VALUE : 2.5 Nm [22.1 IN/LBS]  
SHIELDING: 75dB @ 10MHz  
40dB @ 1GHz

IP RATING: 50

822B YYY - 2 7 3 L YY 1

SERIES 15.00 [0.591]  
# OF POSITIONS (Ex. 002)  
\*\*SEE CHART A\*\*  
2 = FEMALE  
CABLE MOUNT  
1 = GOLD FLASH  
COLLET SIZE \*\*SEE CHART B\*\*  
RoHS COMPLIANT  
NICKEL/CHROME PLATED SHELL

CHART A

● = KEY LOCATION

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

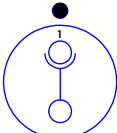
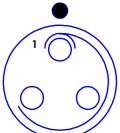
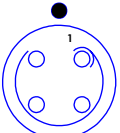
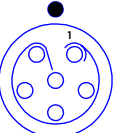
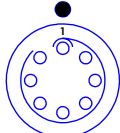
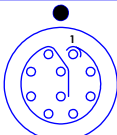
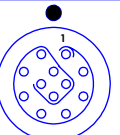
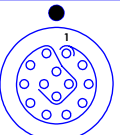
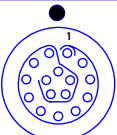
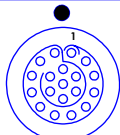
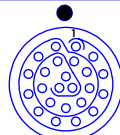
|                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>2 POSITION<br/>16 AWG MAX.<br/>25 AMP MAX.<br/>PIN <math>\phi</math> = 2.00 [0.079]</p> <p>CONTACT<br/>RESISTANCE = 3 m<math>\Omega</math><br/>TEST VOLTAGE = 2100V<br/>WORKING VOLTAGE = 700V</p>   |  <p>3 POSITION<br/>18 AWG MAX.<br/>17 AMP MAX.<br/>PIN <math>\phi</math> = 1.60 [0.063]</p> <p>CONTACT<br/>RESISTANCE = 4 m<math>\Omega</math><br/>TEST VOLTAGE = 2400V<br/>WORKING VOLTAGE = 800V</p>     |  <p>4 POSITION<br/>20 AWG MAX.<br/>15 AMP MAX.<br/>PIN <math>\phi</math> = 1.30 [0.051]</p> <p>CONTACT<br/>RESISTANCE = 5 m<math>\Omega</math><br/>TEST VOLTAGE = 1850V<br/>WORKING VOLTAGE = 615V</p>       |  <p>6 POSITION<br/>20 AWG MAX.<br/>12 AMP MAX.<br/>PIN <math>\phi</math> = 1.30 [0.051]</p> <p>CONTACT<br/>RESISTANCE = 5 m<math>\Omega</math><br/>TEST VOLTAGE = 1350V<br/>WORKING VOLTAGE = 450V</p>    |  <p>8 POSITION<br/>22 AWG MAX.<br/>10 AMP MAX.<br/>PIN <math>\phi</math> = 0.90 [0.035]</p> <p>CONTACT<br/>RESISTANCE = 6 m<math>\Omega</math><br/>TEST VOLTAGE = 1500V<br/>WORKING VOLTAGE = 500V</p>    |                                                                                                                                                                                                                                                                                             |
|  <p>10 POSITION<br/>22 AWG MAX.<br/>8 AMP MAX.<br/>PIN <math>\phi</math> = 0.90 [0.035]</p> <p>CONTACT<br/>RESISTANCE = 6 m<math>\Omega</math><br/>TEST VOLTAGE = 1450V<br/>WORKING VOLTAGE = 500V</p> |  <p>12 POSITION<br/>24 AWG MAX.<br/>7 AMP MAX.<br/>PIN <math>\phi</math> = 0.70 [0.028]</p> <p>CONTACT<br/>RESISTANCE = 7.5 m<math>\Omega</math><br/>TEST VOLTAGE = 1250V<br/>WORKING VOLTAGE = 480V</p> |  <p>14 POSITION<br/>24 AWG MAX.<br/>6.5 AMP MAX.<br/>PIN <math>\phi</math> = 0.70 [0.028]</p> <p>CONTACT<br/>RESISTANCE = 7.5 m<math>\Omega</math><br/>TEST VOLTAGE = 1150V<br/>WORKING VOLTAGE = 380V</p> |  <p>16 POSITION<br/>24 AWG MAX.<br/>6 AMP MAX.<br/>PIN <math>\phi</math> = 0.70 [0.028]</p> <p>CONTACT<br/>RESISTANCE = 7.5 m<math>\Omega</math><br/>TEST VOLTAGE = 950V<br/>WORKING VOLTAGE = 315V</p> |  <p>19 POSITION<br/>24 AWG MAX.<br/>5 AMP MAX.<br/>PIN <math>\phi</math> = 0.70 [0.028]</p> <p>CONTACT<br/>RESISTANCE = 7.5 m<math>\Omega</math><br/>TEST VOLTAGE = 950V<br/>WORKING VOLTAGE = 315V</p> |  <p>26 POSITION<br/>28 AWG MAX.<br/>2 AMP MAX.<br/>PIN <math>\phi</math> = 0.50 [0.020]</p> <p>CONTACT<br/>RESISTANCE = 10 m<math>\Omega</math><br/>TEST VOLTAGE = 950V<br/>WORKING VOLTAGE = 315V</p> |

CHART B

| COLLET SIZE | WIRE DIAMETER                |
|-------------|------------------------------|
| 50          | 4.30 [0.169] ~ 5.20 [0.205]  |
| 60          | 5.30 [0.209] ~ 6.20 [0.244]  |
| 70          | 6.30 [0.248] ~ 7.20 [0.283]  |
| 80          | 7.30 [0.287] ~ 8.20 [0.323]  |
| 90          | 8.30 [0.327] ~ 9.20 [0.362]  |
| 00          | 9.30 [0.366] ~ 10.20 [0.402] |

RoHS COMPLIANT