

821K YYY - 2 7 3 L YY 1

SERIES 13.00 [0.512]

# 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

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

O-RING: SILICONE

MECHANICAL

DURABILITY: 5000 CYCLES

OPERATING TEMP. RANGE: -40° C ~ +200° C

PROCESS TEMPERATURE : 260 °C FOR 5 SECONDS

MAX. TOURQUE VALUE : 0.8 Nm [7.0 IN/LBS]

SHIELDING: 75dB @ 10MHZ

40dB @ 1GHz

IP RATING: 67

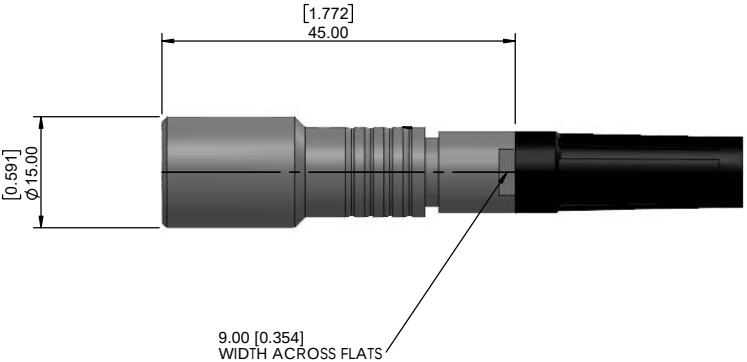


CHART B

| COLLET SIZE | WIRE DIAMETER               |
|-------------|-----------------------------|
| 40          | 3.30 [0.130] ~ 4.20 [0.165] |
| 50          | 4.30 [0.169] ~ 5.20 [0.205] |
| 60          | 5.30 [0.209] ~ 6.20 [0.244] |

CHART A

● = KEY LOCATION

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

|                                                                                                                                                                     |                                                                                                                                                                     |                                                                                                                                                                     |                                                                                                                                                                    |                                                                                                                                                                      |                                                                                                                                                                     |                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>2 POSITION<br/>20 AWG MAX.<br/>15 AMP MAX.<br/>PIN Ø = 1.30 [0.051]</p> <p>CONTACT<br/>RESISTANCE = 5 mΩ<br/>TEST VOLTAGE = 1500V<br/>WORKING VOLTAGE = 500V</p> | <p>3 POSITION<br/>20 AWG MAX.<br/>12 AMP MAX.<br/>PIN Ø = 1.30 [0.051]</p> <p>CONTACT<br/>RESISTANCE = 5 mΩ<br/>TEST VOLTAGE = 1300V<br/>WORKING VOLTAGE = 430V</p> | <p>4 POSITION<br/>22 AWG MAX.<br/>10 AMP MAX.<br/>PIN Ø = 0.90 [0.035]</p> <p>CONTACT<br/>RESISTANCE = 6 mΩ<br/>TEST VOLTAGE = 1300V<br/>WORKING VOLTAGE = 430V</p> | <p>5 POSITION<br/>22 AWG MAX.<br/>9 AMP MAX.<br/>PIN Ø = 0.90 [0.035]</p> <p>CONTACT<br/>RESISTANCE = 6 mΩ<br/>TEST VOLTAGE = 1250V<br/>WORKING VOLTAGE = 415V</p> | <p>6 POSITION<br/>24 AWG MAX.<br/>7 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/>7 AMP MAX.<br/>PIN Ø = 0.70 [0.028]</p> <p>CONTACT<br/>RESISTANCE = 7.5 mΩ<br/>TEST VOLTAGE = 950V<br/>WORKING VOLTAGE = 315V</p> | <p>14 POSITION<br/>28 AWG MAX.<br/>2 AMP MAX.<br/>PIN Ø = 0.50 [0.020]</p> <p>CONTACT<br/>RESISTANCE = 10 mΩ<br/>TEST VOLTAGE = 800V<br/>WORKING VOLTAGE = 267V</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|

RoHS COMPLIANT