

820K    YYY - 2 7 3 L YY 1

SERIES — 11.00 [0.433]

# 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) : MOLDED 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 : 0.7 Nm [6.0 IN/LBS]

SHIELDING: 75dB @ 10MHz

40dB @ 1GHz

IP RATING: 67

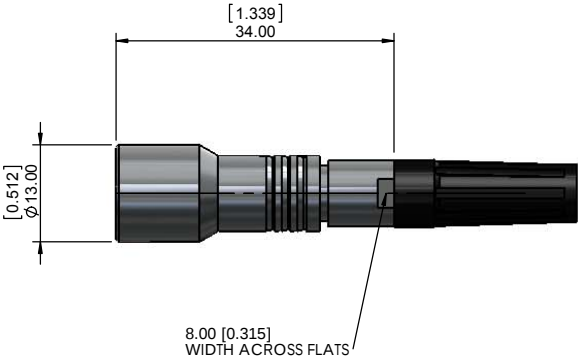


CHART B

| COLLET SIZE | WIRE DIAMETER               |
|-------------|-----------------------------|
| 30          | 2.50 [0.098] ~ 3.20 [0.126] |
| 40          | 3.30 [0.130] ~ 4.20 [0.165] |
| 50          | 4.30 [0.169] ~ 5.20 [0.205] |

CHART A      ● = KEY LOCATION

|                                                                                                                                                                 |                                                                                                                                                                |                                                                                                                                                                 |                                                                                                                                                                   |                                                                                                                                                                  |                                                                                                                                                                  |                                                                                                                                                                |
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| <p>2 POSITION<br/>22 AWG MAX.<br/>10 AMP MAX.<br/>PIN Ø = 0.90 [0.035]</p> <p>CONTACT RESISTANCE = 6 mΩ<br/>TEST VOLTAGE = 1300V<br/>WORKING VOLTAGE = 430V</p> | <p>3 POSITION<br/>22 AWG MAX.<br/>8 AMP MAX.<br/>PIN Ø = 0.90 [0.035]</p> <p>CONTACT RESISTANCE = 6 mΩ<br/>TEST VOLTAGE = 1200V<br/>WORKING VOLTAGE = 400V</p> | <p>4 POSITION<br/>22 AWG MAX.<br/>7 AMP MAX.<br/>PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ<br/>TEST VOLTAGE = 850V<br/>WORKING VOLTAGE = 280V</p> | <p>5 POSITION<br/>22 AWG MAX.<br/>6.5 AMP MAX.<br/>PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ<br/>TEST VOLTAGE = 850V<br/>WORKING VOLTAGE = 280V</p> | <p>6 POSITION<br/>28 AWG MAX.<br/>2.5 AMP MAX.<br/>PIN Ø = 0.50 [0.020]</p> <p>CONTACT RESISTANCE = 10 mΩ<br/>TEST VOLTAGE = 850V<br/>WORKING VOLTAGE = 280V</p> | <p>7 POSITION<br/>28 AWG MAX.<br/>2.5 AMP MAX.<br/>PIN Ø = 0.50 [0.020]</p> <p>CONTACT RESISTANCE = 10 mΩ<br/>TEST VOLTAGE = 800V<br/>WORKING VOLTAGE = 260V</p> | <p>9 POSITION<br/>28 AWG MAX.<br/>2 AMP MAX.<br/>PIN Ø = 0.50 [0.020]</p> <p>CONTACT RESISTANCE = 10 mΩ<br/>TEST VOLTAGE = 600V<br/>WORKING VOLTAGE = 200V</p> |
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RoHS COMPLIANT