

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

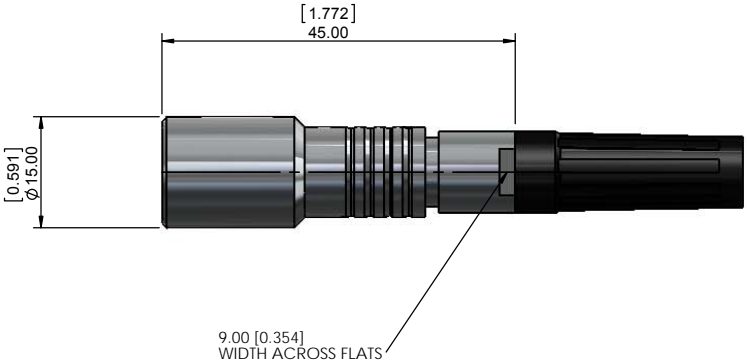


CHART A

● = KEY LOCATION

<p>2 POSITION 20 AWG MAX. 15 AMP MAX. PIN Ø = 1.30 [0.051]</p> <p>CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1500V WORKING VOLTAGE = 500V</p>	<p>3 POSITION 20 AWG MAX. 12 AMP MAX. PIN Ø = 1.30 [0.051]</p> <p>CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V</p>	<p>4 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 0.90 [0.035]</p> <p>CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V</p>	<p>5 POSITION 22 AWG MAX. 9 AMP MAX. PIN Ø = 0.90 [0.035]</p> <p>CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 415V</p>	<p>6 POSITION 22 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V</p>	<p>7 POSITION 22 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V</p>
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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]
70	6.30 [0.248] ~ 7.20 [0.283]

RoHS COMPLIANT

# Mouser Electronics

Authorized Distributor

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