

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

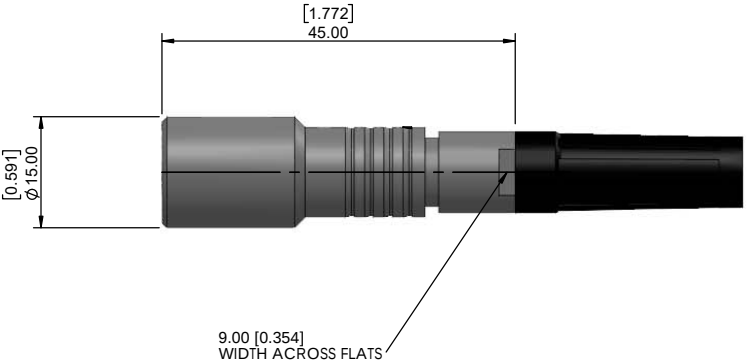


CHART B

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

2 POSITION 20 AWG MAX. 15 AMP MAX. PIN Ø = 1.30 [0.051] CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1500V WORKING VOLTAGE = 500V	3 POSITION 20 AWG MAX. 12 AMP MAX. PIN Ø = 1.30 [0.051] CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V	4 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 0.90 [0.035] CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1300V WORKING VOLTAGE = 430V	5 POSITION 22 AWG MAX. 9 AMP MAX. PIN Ø = 0.90 [0.035] CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 415V	6 POSITION 24 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	7 POSITION 24 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V	14 POSITION 28 AWG MAX. 2 AMP MAX. PIN Ø = 0.50 [0.020] CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 800V WORKING VOLTAGE = 267V
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RoHS COMPLIANT

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						DWG NO. 821KYYY-273LYY1	

Mouser Electronics

Authorized Distributor

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NorComp:

<u>821K002-273L401</u>	<u>821K004-273L601</u>	<u>821K007-273L401</u>	<u>821K006-273L501</u>	<u>821K004-273L501</u>	<u>821K004-273L401</u>
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