

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

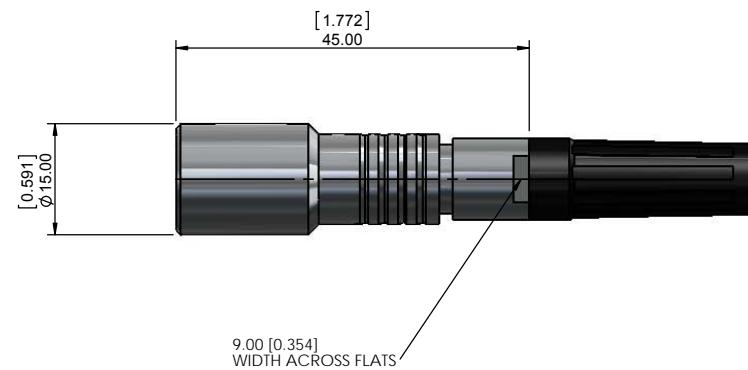


CHART A

● = KEY LOCATION

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 22 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	7 POSITION 22 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V

RoHS COMPLIANT



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NorCompCHARACTERISTICS
MATERIALS

HOUSING: BRASS
HOUSING PLATING: 196 μ " NICKEL MIN.
SHELL & COLLET NUT: BRASS, 196 μ " CHROME PLATED MIN.
CONTACTS: COPPER ALLOY
CONTACT PLATING: 7 μ " GOLD PLATED OVER 196 μ " 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. TORQUE 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]
70	6.30 [0.248] ~ 7.20 [0.283]

DRAWN: M. SIGMON	DATE: 02-19-16	SCALE: N.T.S.	SHEET 1	OF 1	REV: 3
CHECKED:	DATE:		DWG NO. 821KYYY-273LYY1		

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