

CHARACTERISSTICS

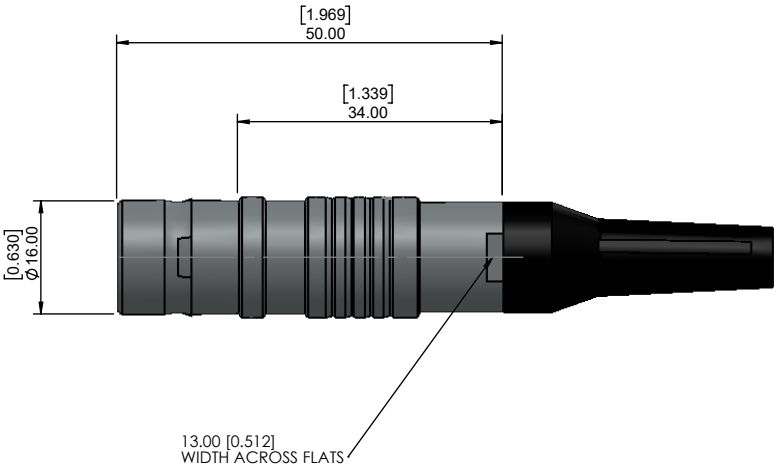
MATERIALS

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 : 2.0 Nm [17.7 IN/LBS]
SHIELDING: 75dB @ 10MHz
40dB @ 1GHz

IP RATING: 67



822K YYY - 1 7 3 L YY 1

SERIES 16.00 [0.630]
OF POSITIONS (Ex. 002)
SEE CHART A
1 = MALE
CABLE MOUNT
1 = GOLD FLASH
COLLET SIZE **SEE CHART B**
RoHS COMPLIANT
NICKEL/CHROME PLATED SHELL

CHART A

● = KEY LOCATION **VIEW FROM TERMINATION END**

 2 POSITION 16 AWG MAX. 25 AMP MAX. PIN Ø = 2.00 [0.079] CONTACT RESISTANCE = 3 mΩ TEST VOLTAGE = 2100V WORKING VOLTAGE = 700V	 3 POSITION 18 AWG MAX. 17 AMP MAX. PIN Ø = 1.60 [0.063] CONTACT RESISTANCE = 4 mΩ TEST VOLTAGE = 2400V WORKING VOLTAGE = 800V	 4 POSITION 20 AWG MAX. 15 AMP MAX. PIN Ø = 1.30 [0.051] CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1850V WORKING VOLTAGE = 615V	 6 POSITION 20 AWG MAX. 12 AMP MAX. PIN Ø = 1.30 [0.051] CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1350V WORKING VOLTAGE = 450V
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CHART B

COLLET SIZE	WIRE DIAMETER
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]
80	7.30 [0.287] ~ 8.20 [0.323]
90	8.30 [0.327] ~ 9.20 [0.362]

RoHS COMPLIANT

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