

**821K** **YYY** - **1** **7** **3** **L** **YY** **1**

SERIES ——— 13.00 [0.512]

# OF POSITIONS (Ex. 002) ——— \*\*SEE CHART A\*\*

1 = MALE

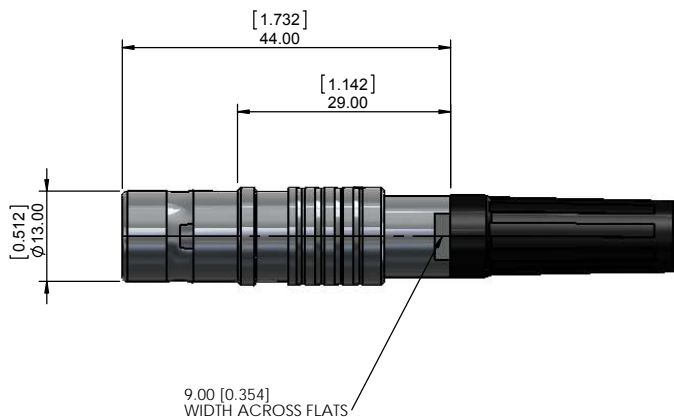
CABLE MOUNT

1 = GOLD FLASH

COLLET SIZE \*\*SEE CHART B\*\*

RoHS COMPLIANT

NICKEL/CHROME PLATED SHELL



**CHARACTERISTICS**

**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. 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]

**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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**RoHS COMPLIANT**



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**NorComp**

DRAWN: <b>M. SIGMON</b>	DATE: <b>02-19-16</b>	SCALE: <b>N.T.S.</b>	SHEET <b>1</b>	OF <b>1</b>	REV: <b>2</b>
CHECKED:	DATE:		DWG NO. <b>821KYYY-173LYY1</b>		