

CHARACTERISTICS

MATERIALS

HOUSING : ABS+PC
 HOUSING COLOR : GREY
 BOOT/SLEEVE : THERMOPLASTIC POLYURETHANE
 CONTACTS : COPPER ALLOY
 CONTACT PLATING : 7µ" GOLD PLATED OVER 196µ" NICKEL MIN.
 INSULATOR : PPS (HIGH TEMPERATURE)

MECHANICAL

DURABILITY: 2000 CYCLES
 OPERATING TEMP. RANGE: -20° C ~ +120° C
 PROCESS TEMPERATURE : 260° C FOR 5 SECONDS
 MAX. TORQUE VALUE: 0.5Nm [4.4 IN/LBS]

IP RATING: 50

CHART B

COLLET SIZE	WIRE DIAMETER
42	2.20 [0.087] ~ 4.00 [0.157]
52	4.00 [0.157] ~ 5.00 [0.197]
62	5.00 [0.197] ~ 6.00 [0.236]

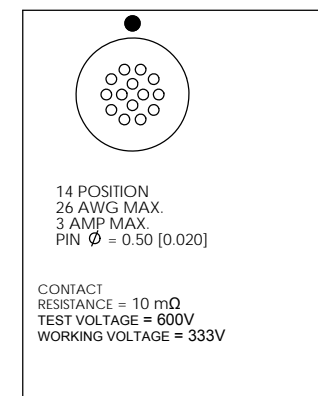


CHART A

● = KEY LOCATION

 2 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 1.30 [0.051] CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 500V	 3 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 1.30 [0.051] CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 500V	 4 POSITION 22 AWG MAX. 8 AMP MAX. PIN Ø = 0.90 [0.035] CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 500V	 5 POSITION 22 AWG MAX. 8 AMP MAX. PIN Ø = 0.90 [0.035] CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1100V WORKING VOLTAGE = 500V	 6 POSITION 24 AWG MAX. 6 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1000V WORKING VOLTAGE = 450V	 7 POSITION 24 AWG MAX. 6 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1000V WORKING VOLTAGE = 450V	 8 POSITION 24 AWG MAX. 5 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 875V WORKING VOLTAGE = 400V	 9 POSITION 26 AWG MAX. 3 AMP MAX. PIN Ø = 0.50 [0.020] CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 600V WORKING VOLTAGE = 333V	 10 POSITION 26 AWG MAX. 3 AMP MAX. PIN Ø = 0.50 [0.020] CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 600V WORKING VOLTAGE = 333V
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RoHS COMPLIANT



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CHECKED:	DATE:		DWG NO. 8P1PYYY17BYLYY1	

Mouser Electronics

Authorized Distributor

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NorComp:

<u>8P1P00817BNL621</u>	<u>8P1P01417BJL421</u>	<u>8P1P01417BRL421</u>	<u>8P1P00717BVL621</u>	<u>8P1P00217BJL621</u>
<u>8P1P00217BGL521</u>	<u>8P1P00517BJL521</u>	<u>8P1P00917BVL421</u>	<u>8P1P00517BGL621</u>	<u>8P1P00617BNL621</u>
<u>8P1P00417BVL521</u>	<u>8P1P00317BAL421</u>	<u>8P1P00617BNL421</u>	<u>8P1P00517BRL421</u>	<u>8P1P00817BVL621</u>
<u>8P1P00217BJL521</u>	<u>8P1P00517BGL421</u>	<u>8P1P00817BRL421</u>	<u>8P1P00417BNL621</u>	<u>8P1P00617BVL521</u>
<u>8P1P00517BRL621</u>	<u>8P1P01017BAL521</u>	<u>8P1P00917BNL521</u>	<u>8P1P00817BAL421</u>	<u>8P1P01417BRL521</u>
<u>8P1P00517BAL421</u>	<u>8P1P00917BGL621</u>	<u>8P1P00717BJL521</u>	<u>8P1P01417BNL521</u>	<u>8P1P00517BVL421</u>
<u>8P1P00917BVL621</u>	<u>8P1P00317BRL521</u>	<u>8P1P00217BRL621</u>	<u>8P1P00317BAL621</u>	<u>8P1P00817BGL621</u>
<u>8P1P00517BNL421</u>	<u>8P1P00717BRL621</u>	<u>8P1P00817BAL621</u>	<u>8P1P00417BAL421</u>	<u>8P1P01017BNL621</u>
<u>8P1P00717BNL621</u>	<u>8P1P00617BRL621</u>	<u>8P1P00817BVL421</u>	<u>8P1P00617BAL421</u>	<u>8P1P00417BAL621</u>
<u>8P1P01017BNL421</u>	<u>8P1P00617BGL421</u>	<u>8P1P00917BRL421</u>	<u>8P1P01017BJL621</u>	<u>8P1P00717BNL421</u>
<u>8P1P01417BGL421</u>	<u>8P1P00917BAL621</u>	<u>8P1P00417BNL421</u>	<u>8P1P00917BGL421</u>	<u>8P1P00317BJL521</u>
<u>8P1P01417BAL621</u>	<u>8P1P00317BVL621</u>	<u>8P1P00717BVL521</u>	<u>8P1P01017BJL421</u>	<u>8P1P00417BRL421</u>
<u>8P1P00817BNL421</u>	<u>8P1P00317BVL421</u>	<u>8P1P00217BVL421</u>	<u>8P1P01417BGL521</u>	<u>8P1P00817BAL521</u>
<u>8P1P01017BAL421</u>	<u>8P1P00217BNL621</u>	<u>8P1P00617BGL621</u>	<u>8P1P00717BVL421</u>	<u>8P1P00317BNL521</u>
<u>8P1P00217BAL621</u>	<u>8P1P00317BNL621</u>	<u>8P1P00417BGL621</u>	<u>8P1P00417BVL621</u>	<u>8P1P01417BJL521</u>
<u>8P1P00417BGL421</u>	<u>8P1P00217BRL421</u>	<u>8P1P00417BRL521</u>	<u>8P1P00617BJL621</u>	<u>8P1P00717BRL421</u>
<u>8P1P01417BVL621</u>	<u>8P1P01017BVL521</u>	<u>8P1P00517BAL621</u>	<u>8P1P00717BGL621</u>	<u>8P1P01017BGL421</u>
<u>8P1P00517BRL521</u>	<u>8P1P00217BVL521</u>	<u>8P1P00617BRL421</u>	<u>8P1P00817BRL621</u>	<u>8P1P01017BGL521</u>
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