

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]

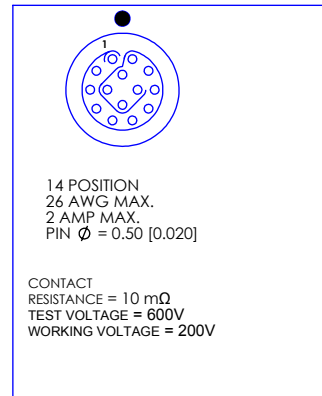


CHART A

● = KEY LOCATION

VIEW FROM TERMINATION END

 2 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 1.30 [0.051] CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1200V WORKING VOLTAGE = 400V	 3 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 1.30 [0.051] CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1200V WORKING VOLTAGE = 400V	 4 POSITION 22 AWG MAX. 8 AMP MAX. PIN Ø = 0.90 [0.035] CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1200V WORKING VOLTAGE = 400V	 5 POSITION 22 AWG MAX. 7 AMP MAX. PIN Ø = 0.90 [0.035] CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	 6 POSITION 24 AWG MAX. 6 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	 7 POSITION 24 AWG MAX. 5 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	 8 POSITION 24 AWG MAX. 5 AMP MAX. PIN Ø = 0.70 [0.028] CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1050V WORKING VOLTAGE = 350V	 9 POSITION 26 AWG MAX. 3 AMP MAX. PIN Ø = 0.50 [0.020] CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V	 10 POSITION 26 AWG MAX. 3 AMP MAX. PIN Ø = 0.50 [0.020] CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 850V WORKING VOLTAGE = 280V
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RoHS COMPLIANT



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DRAWN: M. SIGMON	DATE: 10-04-16	SCALE: N.T.S.	SHEET 1 OF 1	REV: 2
DWG NO. 8P1PYYY17BYLYY1				