

CHARACTERISSTICS

MATERIALS  
SHELL : BRASS  
SHELL PLATING : NICKEL  
NUT : BRASS  
NUT PLATING : NICKEL  
LATCH SLEEVE : BRASS  
LATCH SLEEVE PLATING : NICKEL  
CONTACTS : COPPER ALLOY  
CONTACT PLATING : 7µ" GOLD PLATED OVER 196µ" NICKEL MIN.  
INSULATOR : PPS (HIGH TEMPERATURE)

MECHANICAL

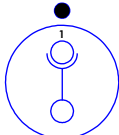
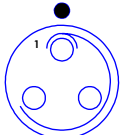
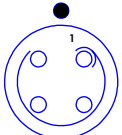
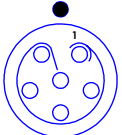
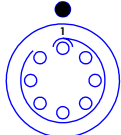
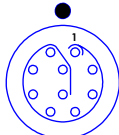
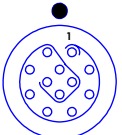
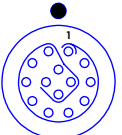
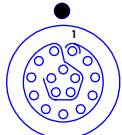
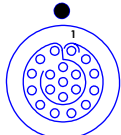
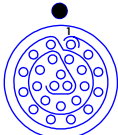
DURABILITY: 5000 CYCLES  
OPERATING TEMP. RANGE: -40° C ~ +200° C  
PROCESS TEMPERATURE : 260°C FOR 5 SECONDS  
MAX. TORQUE VALUE : 6.0 Nm [53 IN/lbs]  
SHIELDING: 75dB @ 10MHz  
40dB @ 1GHz

IP RATING: 50

CHART A

● = KEY LOCATION

\*\*VIEW FROM TERMINATION END\*\*

 <p>2 POSITION 16 AWG MAX. 25 AMP MAX. PIN Ø = 2.00 [0.079]</p> <p>CONTACT RESISTANCE = 3 mΩ TEST VOLTAGE = 2100V WORKING VOLTAGE = 700V</p>	 <p>3 POSITION 18 AWG MAX. 17 AMP MAX. PIN Ø = 1.60 [0.063]</p> <p>CONTACT RESISTANCE = 4 mΩ TEST VOLTAGE = 2400V WORKING VOLTAGE = 800V</p>	 <p>4 POSITION 20 AWG MAX. 15 AMP MAX. PIN Ø = 1.30 [0.051]</p> <p>CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1850V WORKING VOLTAGE = 615V</p>	 <p>6 POSITION 20 AWG MAX. 12 AMP MAX. PIN Ø = 1.30 [0.051]</p> <p>CONTACT RESISTANCE = 5 mΩ TEST VOLTAGE = 1350V WORKING VOLTAGE = 450V</p>	 <p>8 POSITION 22 AWG MAX. 10 AMP MAX. PIN Ø = 0.90 [0.035]</p> <p>CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1500V WORKING VOLTAGE = 500V</p>	<div>(Ex. 002) **SEE CHART A</div> <div>SOLDER CUP</div>
 <p>10 POSITION 22 AWG MAX. 8 AMP MAX. PIN Ø = 0.90 [0.035]</p> <p>CONTACT RESISTANCE = 6 mΩ TEST VOLTAGE = 1450V WORKING VOLTAGE = 500V</p>	 <p>12 POSITION 24 AWG MAX. 7 AMP MAX. PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1250V WORKING VOLTAGE = 480V</p>	 <p>14 POSITION 24 AWG MAX. 6.5 AMP MAX. PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 1150V WORKING VOLTAGE = 380V</p>	 <p>16 POSITION 24 AWG MAX. 6 AMP MAX. PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V</p>	 <p>19 POSITION 24 AWG MAX. 5 AMP MAX. PIN Ø = 0.70 [0.028]</p> <p>CONTACT RESISTANCE = 7.5 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V</p>	 <p>26 POSITION 28 AWG MAX. 2 AMP MAX. PIN Ø = 0.50 [0.020]</p> <p>CONTACT RESISTANCE = 10 mΩ TEST VOLTAGE = 950V WORKING VOLTAGE = 315V</p>

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SERIES 15.00 [0.591]

# OF POSITIONS (Ex. 002)

\*\*SEE CHART A\*\*

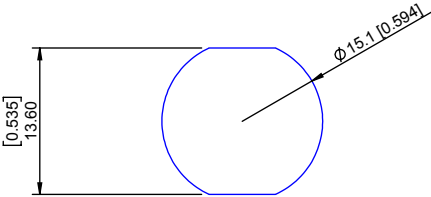
2 = FEMALE

SOLDER CUP (PANEL MOUNT)

1 = GOLD FLASH

RoHS COMPLIANT

NICKEL/CHROME PLATED SHELL



PANEL CUTOUT

TOLERANCE = +0.10, -0.0  
[+0.004, -0.00]

RoHS COMPLIANT