**LED POLARITY**

<table>
<thead>
<tr>
<th>PIN 12</th>
<th>PIN 13</th>
<th>COLOR</th>
<th>PIN 14</th>
<th>PIN 15</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>+</td>
<td>GREEN</td>
<td>-</td>
<td>+</td>
<td>GREEN</td>
</tr>
<tr>
<td>+</td>
<td>-</td>
<td>YELLOW</td>
<td>+</td>
<td>-</td>
<td>YELLOW</td>
</tr>
</tbody>
</table>

**ELECTRICAL CHARACTERISTICS @ 25°C**

**TURNS RATIO**

1CT : 1CT ±2%

**DCL @ 100kHz/100mVRMS**

8mA DC BIAS 350μH MIN.

**INSERTION LOSS**

100KHz TO 100MHz -1.5 dB MAX.

**RETURN LOSS (MIN.)**

2MHz-30MHz -16 dB MIN.

60MHz-80MHz -10 dB MIN.

**CROSS TALK**

100KHz - 100MHz -30 dB MIN.

**HIPOT (ISOLATION VOLTAGE)** 2250 VDC

100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS

**BALANCED DC LINE CURRENT**

350mA MAX. @ 57 VDC CONTINUOUS

500mA MAX. @ 57 VDC FOR 200 MILLISECONDS

**LED 1**

VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP.

IF=20mA YELLOW 2.1V TYP.

λD (DOMINANT WAVELENGTH) IF=20mA GREEN 570nm TYP.

IF=20mA YELLOW 590nm TYP.

**OPERATING TEMPERATURE** 0°C TO +70°C.

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MECHANICAL SPECIFICATION

NOTES:

PLASTIC HOUSING: THERMOPLASTIC PA, BLACK
FLAMMABILITY RATING UL 94V-0

CONTACTS: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
30 MICRO-INCH MIN NICKEL UNDERPLATE.

OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
100 MICRO-INCH MIN MATTE TIN. PINS ARE SOLDER DIPPED.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.

1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.
   UL RECOGNIZED - FILE #E196366 AND E169987.
2. THE PRODUCT IS RoHS COMPLIANT.
3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
4. THE PART IS RECOMMENDED FOR WAVE SOLDERING. THE SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C MAX AND 10 SECONDS MAX.
NOTES
THE SHAD ED AREA ON THE CUSTOMER BOARD ARE
RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR
COMPONENT PAD.
SUGGESTED PANEL OPENING

NOTE:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY: 0200-9999-F6 (TOP)
0200-9999-F7 (BOTTOM)

PACKING QUANTITY: 40 PCS FINISHED GOODS PER TRAY
10 TRAYS (400 PCS FINISHED GOODS) PER CARTON BOX

NOTE: CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)