<table>
<thead>
<tr>
<th>LED 1 POLARITY</th>
<th>LED 2 POLARITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIN 17</td>
<td>PIN 18</td>
</tr>
<tr>
<td>-</td>
<td>+</td>
</tr>
</tbody>
</table>

**Electrical Characteristics @ 25°C**

- **Turns Ratio**
  - TP1: 1CT : 1CT ±2%
  - TP2: 1CT : 1CT ±2%
  - TP3: 1CT : 1CT ±2%
  - TP4: 1CT : 1CT ±2%

- **DCL @ 100kHz/100mVRMS (4CHANNEL)**
  - 8mA DC Bias: 350μH MIN.
  - 23mA DC Bias: 120μH MIN.

- **Ins. Loss**
  - 0.1MHz to 1MHz: -11 dB MAX
  - 1MHz to 65MHz: -0.8 dB MAX
  - 65MHz to 100MHz: -1.0 dB MAX
  - 100MHz to 125MHz: -1.2 dB MAX

- **Ret. Loss (MIN)**
  - 0.5MHz to 40MHz: -10 dB
  - 40MHz to 100MHz: -12 + 20log(F/80MHz) dB

- **CM to CM REJ**
  - 100kHz: 100dB
  - 100kHz to 100MHz: -30 dB MIN

- **CM to DM REJ**
  - 100kHz: 100dB
  - 100kHz to 100MHz: -35 dB MIN

- **HIPIT (Isolation Voltage)**: 2250 VDC

- **100% of production tested to comply with IEC6023 isolation requirements**

- **Balanced Ic Line Current 1A Max Continuous**

- **LED 1**
  - **VF (Forward Voltage):** IF=20mA YELLOW 2.1V TYP.
  - **λD (Dominant Wavelength):** IF=20mA YELLOW 590nm TYP.

- **LED 2**
  - **VF (Forward Voltage):** IF=20mA GREEN 2.2V TYP.
  - **λD (Dominant Wavelength):** IF=20mA GREEN 570nm TYP.
  - **Orange 2.0V TYP.**
  - **Orange 655nm TYP.**

- **Operating Temperature:** -40°C to 100°C
NOTES:
PLASTIC HOUSING: THERMOPLASTIC PBT, BLACK
FLAMMABILITY RATING UL 94V-0
CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING
OR EQUIVALENT.
PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
100 MICRO-INCH MIN. MATTE TIN,
PINS ARE SOLDER DIPPED.
METAL SHIELD: NICKEL PLATED COPPER ALLOY,
(ALL GROUND LEADS ARE SOLDER DIPPED)
MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER,
DATE CODE AND PATENTED.
UL RECOGNIZED - FILE #E196366 AND E169987.

2. THE PRODUCT IS RoHS COMPLIANT.
3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
4. THE PRODUCT IS PATENTED, THE PATENT NUMBER IS
U.S. PAT. 7,123,117.
5. THE PART IS RECOMMENDED FOR WAVE SOLDERING. THE
SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C
MAX AND 10 SECONDS MAX.

LED 2
BI-COLOR
GREEN/ORANGE
PORT 1
LED 1
YELLOW
RJ45 1

0.355 (8.99)
0.312 (7.92)
0.229 (5.82)
0.130 (3.30)
1.150 (29.22)
2.302 (58.22)
0.202 (5.11)
0.055 (1.39)

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NOTES:
THE SHADEd AREA ON THE CUSTOMER BOARD ARE
RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR
COMPONENT PAD.
NOTES:
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-B4 (TOP)
0200-9999-B5 (BOTTOM)
PACKING QUANTITY: 24 PCS FINISHED GOODS PER TRAY
10 TRAYS (240 PCS FINISHED GOODS) PER CARTON BOX
NOTE: CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)