### LED1 POLARITY vs LED2 POLARITY

<table>
<thead>
<tr>
<th>LED1 POLARITY</th>
<th>LED2 POLARITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIN 13 + PIN 14 GREEN</td>
<td>PIN 15 - PIN 16 GREEN</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%

#### OCL @ 100kHz/100mVRMS
- 0-70 Deg. C
- 8mA DC BIAS 350µH MIN.

#### INS. LOSS
- 0.1MHz TO 1MHz: -11 dB MAX
- 1MHz TO 65MHz: -0.5 dB MAX
- 65MHz TO 100MHz: -0.8 dB MAX
- 100MHz TO 125MHz: -1.2dB MAX

#### RET. LOSS (MIN) @ 100 OHMS +/− 15%
- 0.5MHz-40MHz: -18 dB
- 40MHz-100MHz: -12 + 20LOG(f/80MHz) dB

#### CM TO CM REJ
- 100kHz - 100MHz: -30 dB MIN

#### CM TO DM REJ
- 100kHz - 100MHz: -35 dB MIN

#### HIPOT (Isolation Voltage):
- 1500 Vrms

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

#### LED 1 & 2
- VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP.
- AD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.
MECHANICAL SPECIFICATION

NOTES:
PLASTIC HOUSING: THERMOPLASTIC PA
FLAMMABILITY RATING UL 94V-0
CONTACTS: 30 MICRO-INCH HARD GOLD PLATING
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

MARK PART WITH PART NUMBER, DATE CODE AND PATENTED.

UL RECOGNIZED - FILE #E196366 AND E169987.
2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.
3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

TOP VIEW

BOTTOM VIEW

DC0002(2)051509

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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

0.050 [1.27]
0.100 [2.54]
0.172 [4.37]
0.275 [6.99]

0.035+0.001 24 PLACES
0.060 [1.52] 2 PLACES
0.080 [2.03] 2 PLACES
0.040+0.005 8 PLACES
0.102+0.13
0.080 [2.03]
0.160 [4.06]

0.672 [17.07] PITCH

1.184 [30.07] MIN
1.264 [32.11]
1.364 [34.65]
SUGGESTED PANEL OPENING

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: 0200M9999-C2 (TOP)
0200M9999-C3 (BOTTOM)

PACKING QUANTITY: 36 PCS FINISHED GOODS PER TRAY
12 TRAYS (432 PCS FINISHED GOODS) PER CARTON BOX

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