**LED1 POLARITY**  |  **LED2 POLARITY**
---|---
PIN 13 | PIN 14 | COLOR | PIN 15 | PIN 16 | COLOR
- | + | GREEN | - | + | GREEN

**ELECTRICAL CHARACTERISTICS @ 25°C**

**TURNS RATIO**
- TX: 1CT : 1
- RX: 1CT : 1

**DCL @ 100kHz/100mVRMS**
- (0–70°C)
- 8mA DC BIAS: 350µH MIN.

**INS. LOSS**
- 0.1MHz TO 1MHz: -1.1 dB MAX
- 1MHz TO 65MHz: -0.5 dB MAX
- 65MHz TO 100MHz: -0.8 dB MAX
- 100MHz TO 125MHz: -1.2 dB 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 & LED 2**
- VF (FORWARD VOLTAGE) IF=20mA: GREEN 2.2V TYP.
- λD (DOMINANT WAVELENGTH) IF=20mA: GREEN 570nm TYP.

**OPERATING TEMPERATURE:** 0°C TO +70°C.
MECHANICAL SPECIFICATION

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

1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, DATE CODE AND "PATENTED" MARKING.
2. THE PRODUCT IS PATENTED. THE PATENT NUMBER IS U.S. PAT. 7,123,117.
3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
4. THE PRODUCT IS RoHS COMPLIANT AND HALOGEN FREE.

RoHS

USUL RECOGNIZED - FILE #E196366 AND E169987.

5. THE PART IS COMPLIANT WITH WAVE SOLDERING AND IR REFLOW.
   FOR WAVE SOLDERING, THE SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C MAX AND 10 SECONDS MAX.
   FOR IR REFLOW, THE SUGGESTED PEAK IR REFLOW CONDITION IS 245°C MAX AND 30 SECONDS MAX.
NOTES:
The shaded area on the customer board are recommended to be clear off any via hole or component pad.
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-C0 (TOP)
               0200M9999-C1 (BOTTOM)
PACKING QUANTITY : 54 PCS FINISHED GOODS PER TRAY
11 TRAYS (594 PCS FINISHED GOODS) PER CARTON BOX
NOTE: CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX (INCLUDE THE UPPERMOST AND LOWERMOST TRAY)