**ELECTRICAL CHARACTERISTICS @ 25°C**

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

**DCL @ 100kHz/100mVRMS**
- 8mA DC BIAS: 350μH MIN.

**INS. LDSS**
- 1MHz TO 100kHz: -10 dB MAX
- 1MHz-30MHz: -18 dB
- 30MHz-60MHz: -18+20LOG(F/30MHz) dB
- 60MHz-80MHz: -12 dB

**CROSS TALK (TX - RX)**
- 500kHz-1MHz: -70 dB MIN
- 10 MHz: -50 dB MIN
- 30 MHz: -45 dB MIN
- 50 MHz: -40 dB MIN
- 100 MHz: -35 dB MIN

**CM TD CM REJ**
- 100kHz-1MHz: -70 dB MIN
- 10 MHz: -47 dB MIN
- 30 MHz: -42 dB MIN
- 60 MHz: -37 dB MIN
- 100 MHz: -30 dB MIN

**CM TD DM REJ**
- 100kHz-1MHz: -70 dB MIN
- 10 MHz: -60 dB MIN
- 30 MHz: -50 dB MIN
- 60 MHz: -45 dB MIN
- 100 MHz: -40 dB MIN

**HIPOT (Isolation Voltage):** 1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY
WITH IEEE 802.3 ISOATION REQUIREMENTS
MECHANICAL SPECIFICATION

NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0

CONTACTS PLATING: 15 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
PINS: TIN-COATED COPPER WIRE, DIA. 0.018 INCH.
METAL SHIELD: PRE-PLATED NICKEL ON COPPER ALLOYS.
(ALL GROUND LEADS ARE SOLDER DIPPED)

[ ] MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER AND DATE CODE.
[ ] "PATENTED" MARKING.

U.L.® UL RECOGNIZED - FILE #E196366 AND E169987.
3. THE PRODUCT IS RoHS COMPLIANT.

4. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
PART 68 SUBPART F.

5. THE PRODUCT IS PATENTED, THE PATENT NUMBER IS
U.S. PAT. 5,736,910.
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

NOTES:
THE SHADED AREA ON THE CUSTOMER BOARD ARE
RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR
COMPONENT PAD.

THE INFORMATION CONTAINED HERIN IS CONSIDERED
"PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE
COPIED, REPRODUCED OR DISCLOSED WITHOUT THE
WRITTEN APPROVAL OF BEL FUSE INC.
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-D4(TOP)
               0200-9999-D5(BOTTOM)
PACKING QUANTITY : 60 PCS FINISHED GOODS PER TRAY
                   11 TRAYS (660 PCS FINISHED GOODS) PER CARTON BOX
NOTE: CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX (INCLUDE THE UPPERMOST AND LOWERMOST TRAY)