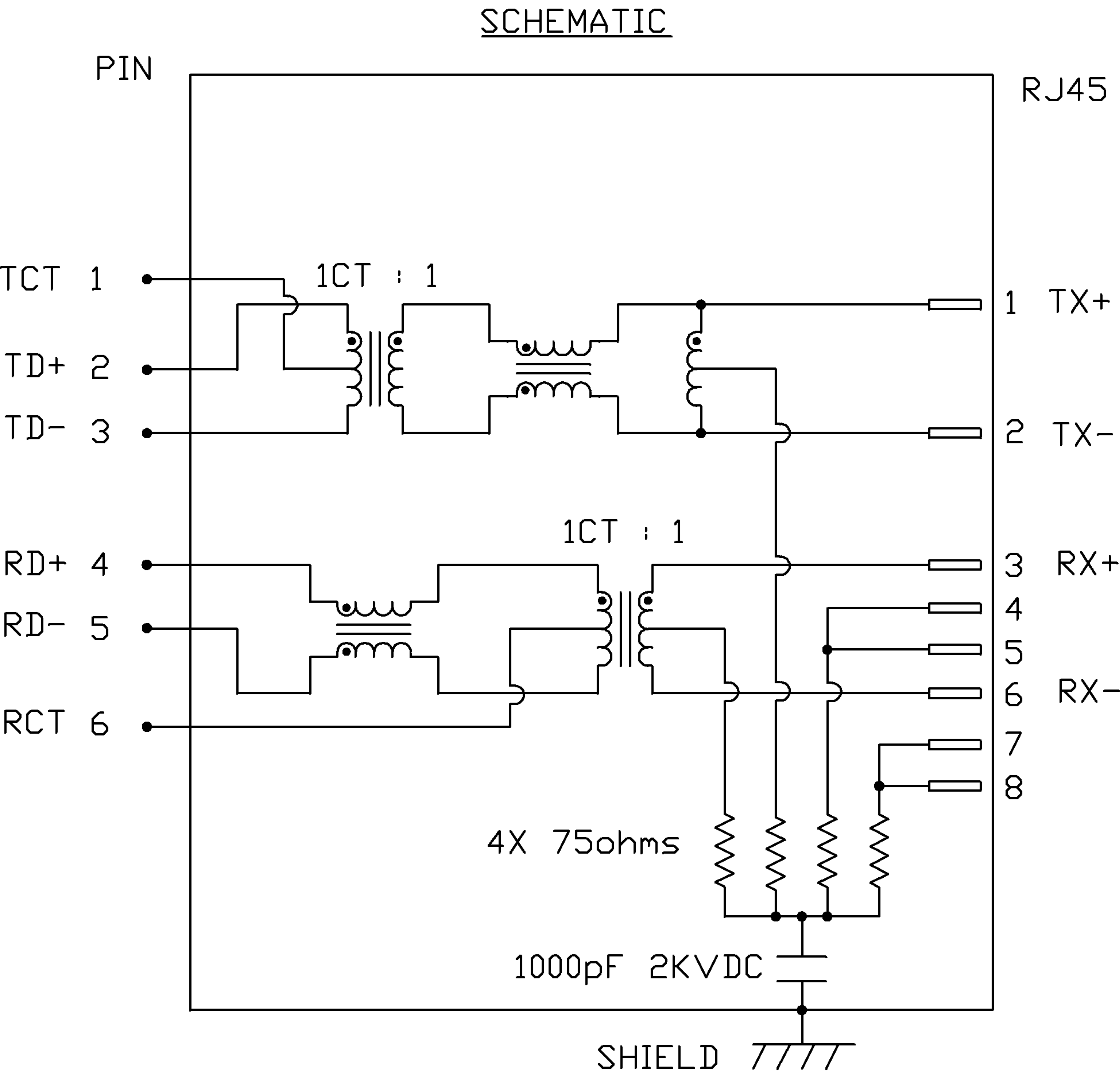


ELECTRICAL CHARACTERISTICS @ 25°C

| | |
|---|-----------------------|
| TURNS RATIO | |
| TX | 1CT : 1 |
| RX | 1CT : 1 |
| OCL @ 100kHz/100mVRMS | |
| 8mA DC BIAS | 350µH MIN. |
| INS. LOSS | |
| 1MHz TO 100MHz | -1.0 dB MAX |
| RET. LOSS (MIN) | |
| 1MHz-30MHz | -18 dB |
| 30MHz-60MHz | -18+20LOG(F/30MHz) dB |
| 60MHz-80MHz | -12 dB |
| CROSS TALK (TX - RX) | |
| 500kHz - 100 MHz | -35 dB MIN |
| CM TO CM REJ | |
| 100kHz - 100 MHz | -30 dB MIN |
| CM TO DM REJ | |
| 100kHz - 100 MHz | -40 dB MIN |
| HIPOT (Isolation Voltage): | |
| 1500 Vrms | |
| 100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS | |



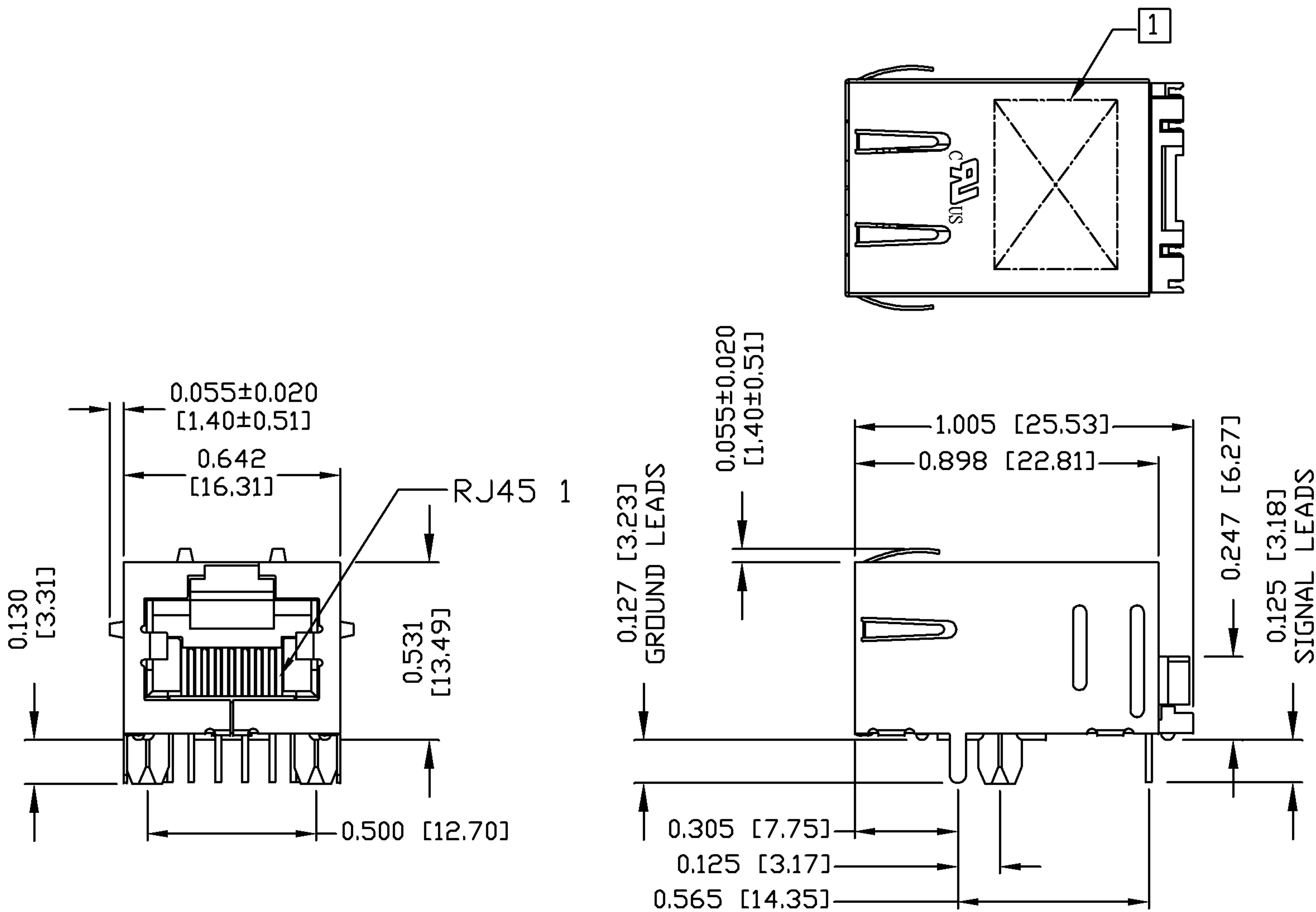
| | | | | | | | |
|--------------------------------|------------------|---|--|-------------------------------|--|------------------------------|-----------|
| ORIGINATED BY CHOW WANCHUNG | DATE 06-10-08 | TITLE MagJack® w/o LED (CM Termination) 08B1-1X1T-03-F | PART NO. / DRAWING NO. 08B11X1T03-F | STANDARD DIM. TOL. IN INCH | | [] METRIC DIM. AS REFERENCE | |
| | | | | .X | | UNIT : INCH [mm] | REV. : B |
| DRAWN BY DENG PING | DATE 06-10-08 | | FILE NAME 08B11X1T03-F_B.DWG | .XX | | SCALE : N/A | SIZE : A4 |
| | | | | .XXX | | | PAGE : 2 |



THE INFORMATION CONTAINED HEREIN IS CONSIDERED 'PROPRIETARY' TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.



MECHANICAL SPECIFICATION



NOTES:

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

CONTACTS PLATING: 15 MICRO-INCH HARD GOLD PLATING

PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.

METAL SHIELD: PRE-PLATED NICKEL ON COPPER ALLOY.

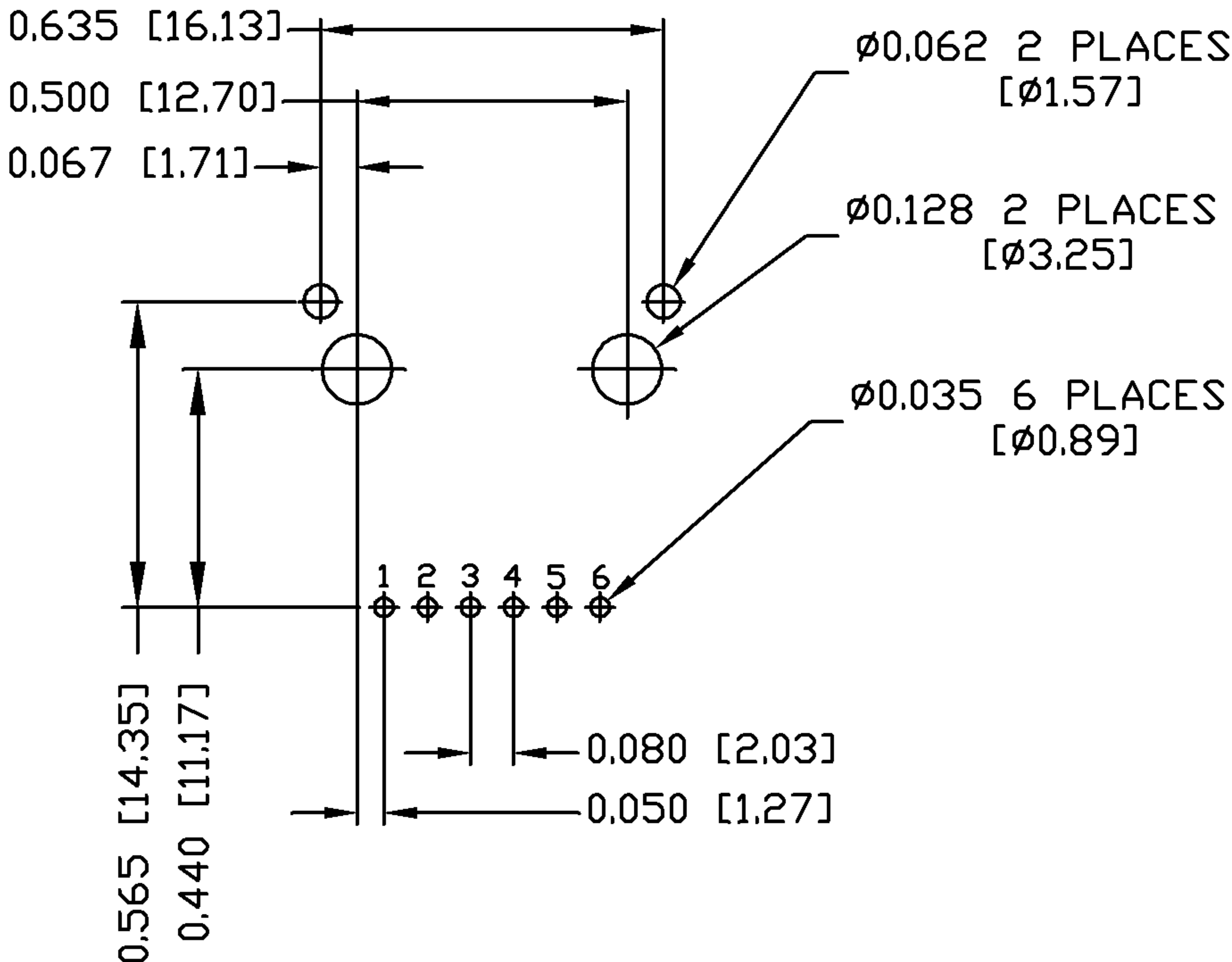
(ALL GROUND LEADS ARE SOLDER DIPPED)

1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.

2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



| ORIGINATED BY | DATE | TITLE | PART NO. / DRAWING NO. | STANDARD DIM. TOL. IN INCH | [] METRIC DIM. AS REFERENCE |
|---------------|----------|------------------|------------------------|----------------------------|------------------------------|
| ZX HUANG | 06-10-08 | MagJack® w/o LED | 08B11X1T03-F | .X | UNIT : INCH [mm] |
| DRAWN BY | DATE | (CM Termination) | FILE NAME | .XX | SCALE : N/A |
| LU XUEPING | 06-10-08 | 08B1-1X1T-03-F | 08B11X1T03-F_B.DWG | .XXX | ±0.010 |
| | | | | | REV. : B |
| | | | | | SIZE : A4 |
| | | | | | PAGE : 3 |

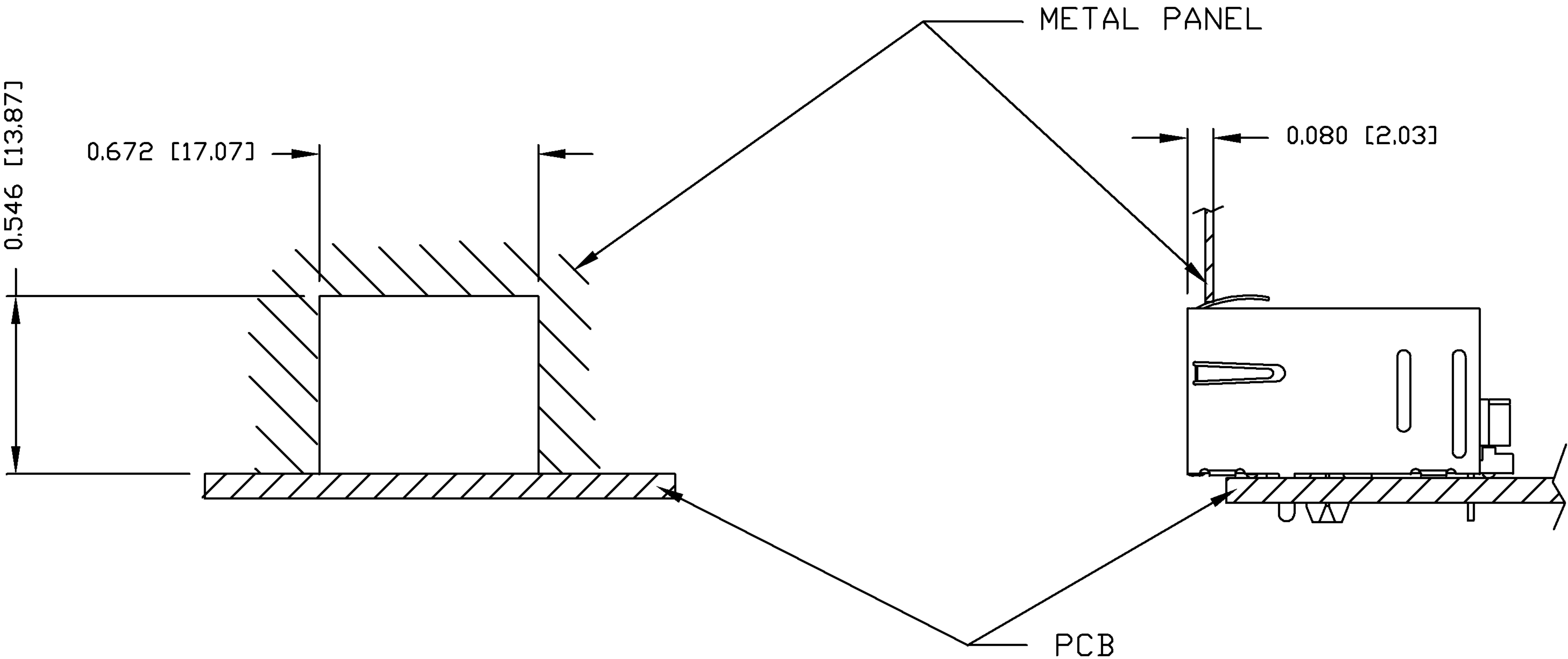


THE INFORMATION CONTAINED HEREIN IS CONSIDERED
"PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE
COPIED, REPRODUCED OR DISCLOSED WITHOUT THE
WRITTEN APPROVAL OF BEL FUSE INC.

RoHS
2002/95/EC



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-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)

| | | | | | | | | |
|---------------|----------|---|------------------------|---------------|---|------------------------------|---|--|
| ORIGINATED BY | DATE | TITLE MagJack® w/o LED (CM Termination) 08B1-1X1T-03-F | PART NO. / DRAWING NO. | STANDARD DIM. | | [] METRIC DIM. AS REFERENCE | |  COMPONENTS FOR A CONNECTED PLANET |
| ZX HUANG | 06-10-08 | | 08B11X1T03-F | TOL. IN INCH | | UNIT : INCH [mm] | REV. : B | |
| DRAWN BY | DATE | | FILE NAME | .X |  | SCALE : N/A | SIZE : A4 | |
| LU XUEPING | 06-10-08 | | 08B11X1T03-F_B.DWG | .XX | | .XXX |  | |
| | | | | | ±0.004 | | | |