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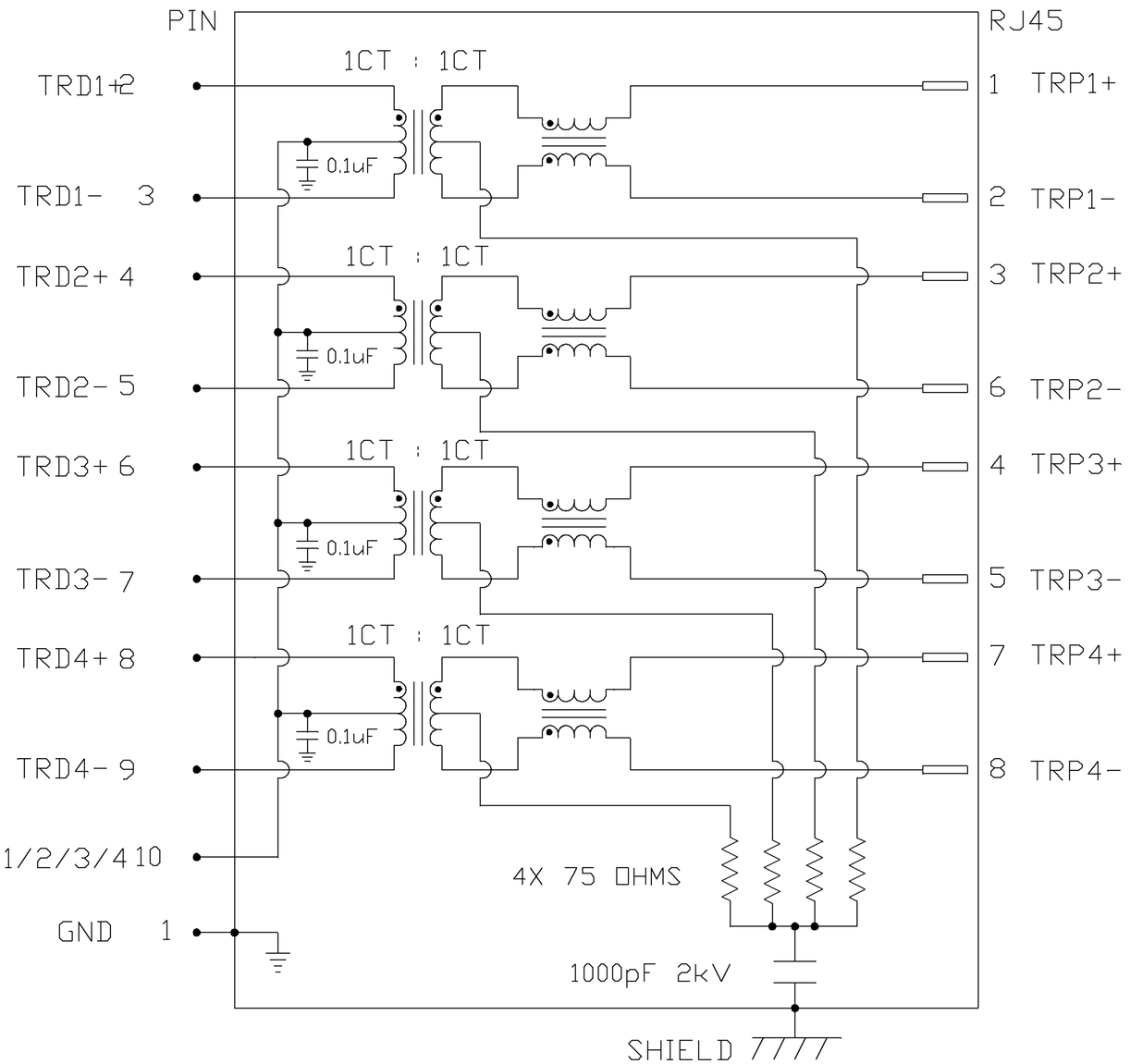
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ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO	
TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%
OCL @ 100kHz/100mVRMS	
8mA DC BIAS	350µH MIN.
DC RESISTANCE:	
(RJ1-RJ2);(RJ3-RJ6)	1.4 ohms Max.
(RJ4-RJ5);(RJ7-RJ8)	1.4 ohms Max.
INS. LOSS	
100KHz TO 100MHz	-1.1 dB MAX
RET. LOSS (MIN)	
1MHz-30MHz	-18 dB
30MHz-100MHz	-12+20LOG(f/80MHz) dB
CROSS TALK:	
1MHz - 60MHz	-35 dB MIN
60Hz - 100MHz	-25 dB MIN
CM TO CM REJ	
100kHz - 100MHz	-35 dB MIN
HIPOT (Isolation Voltage):	1500 Vrms

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

SCHEMATIC



ORIGINATED BY: CHOW WANCHUNG — DATE: 03-21-08	TITLE: Gigabit MagJack®	PART NO. / DRAWING NO.: SI-61007-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX	[ ] METRIC DIM. AS REFERENCE	
DRAWN BY: LI YONGFENG — DATE: 03-21-08		FILE NAME: SI-61007-F_A.DWG		UNIT : INCH [mm]	REV. : A
				SCALE : N/A	SIZE : A4
					PAGE : 2

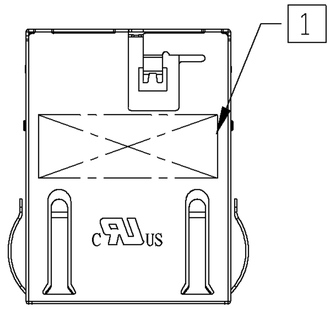
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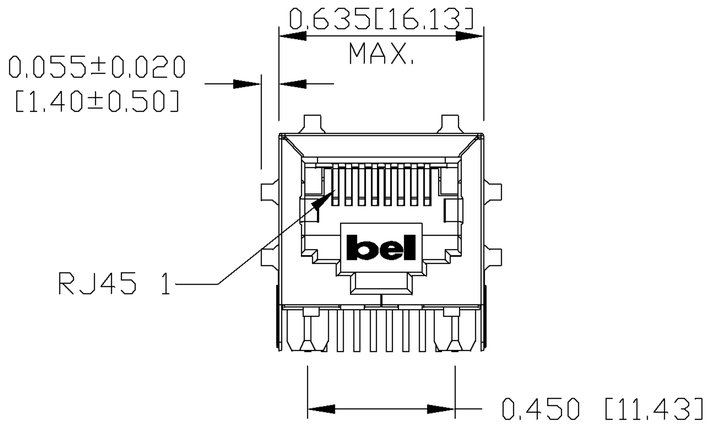
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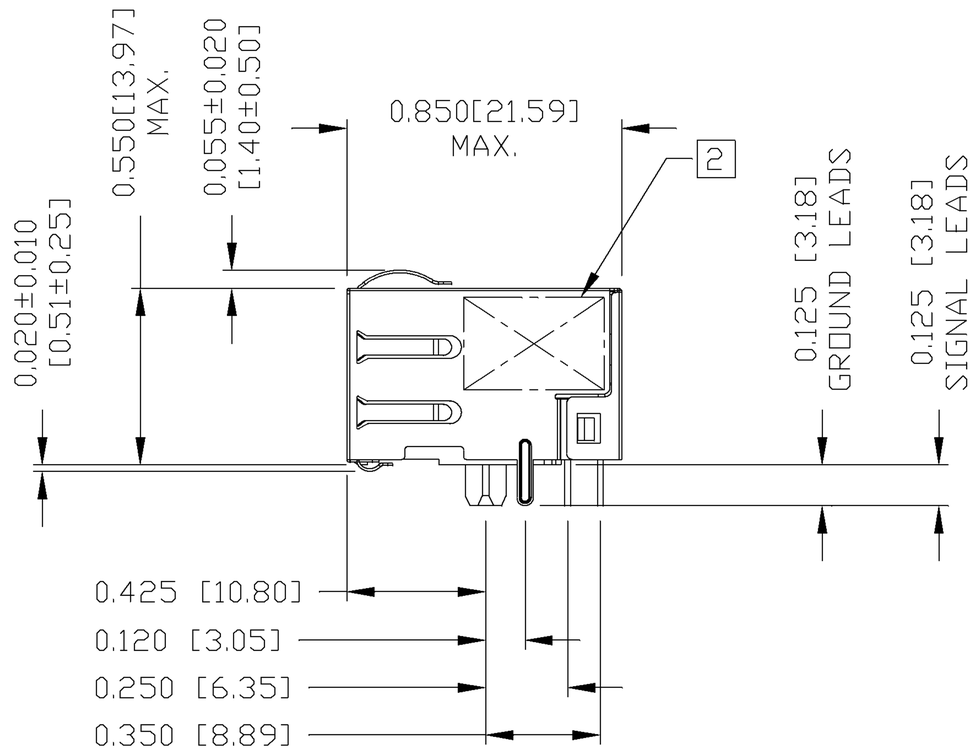
Please read our datasheet & drawing disclaimer here.

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NOTES:

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

CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING

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 PART NUMBER(SI-61007-F), DATE CODE.
2. MARK PART WITH MFG LOGO, MFG NAME.
3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS
4. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

c UL us UL RECOGNIZED - FILE #E132408.

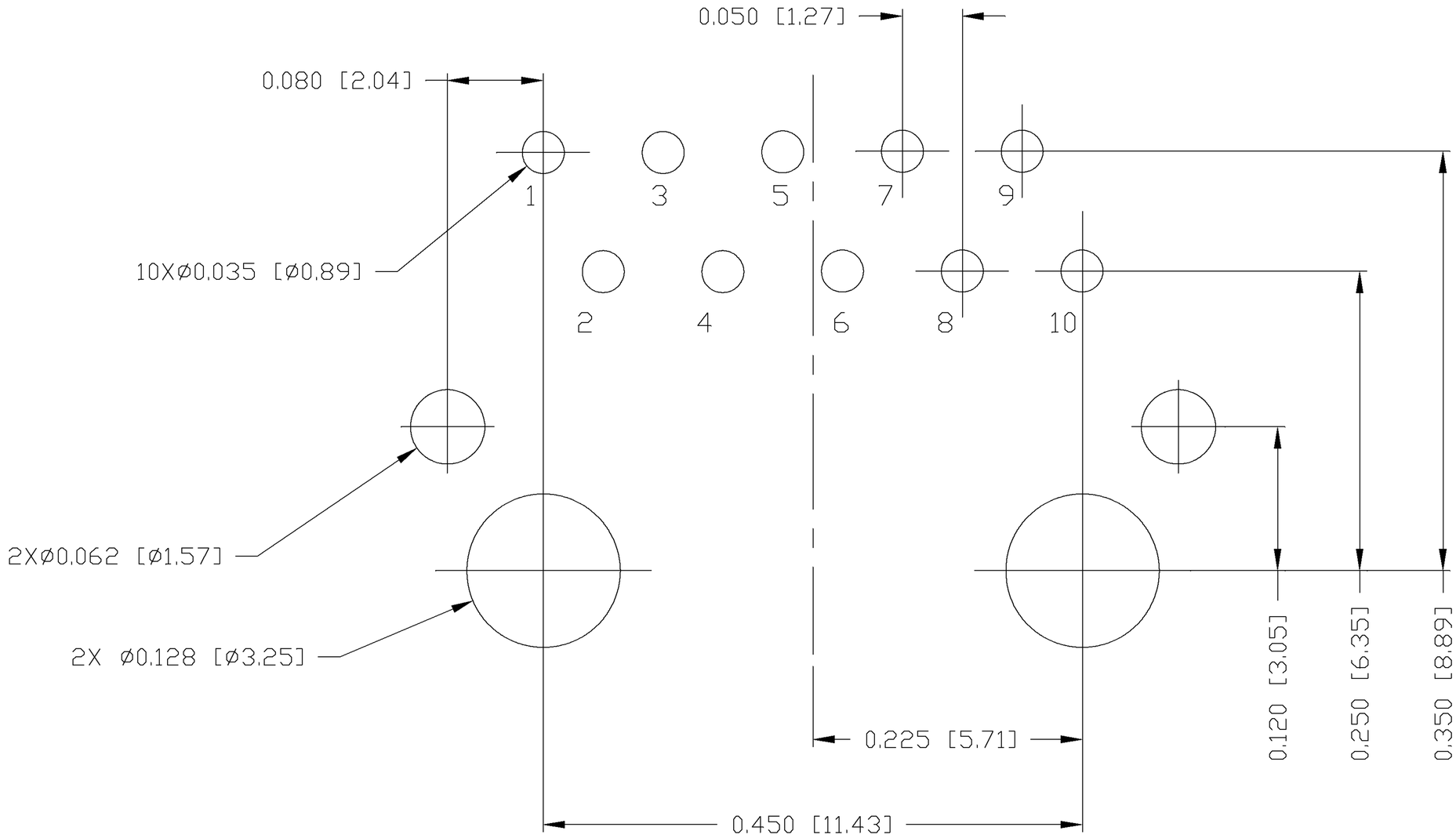
ORIGINATED BY: BILL CHEN	DATE: 03-21-08	TITLE: Gigabit MagJack®	PART NO. / DRAWING NO.: SI-61007-F	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE
DRAWN BY: SALLY LUO	DATE: 03-21-08		FILE NAME: SI-61007-F_A.DWG	.X / .XX / .XXX ±0.010	UNIT : INCH [mm] REV. : A SCALE : N/A SIZE : A4 PAGE : 3

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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

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DRAWN BY: SALLY LUO	DATE: 03-21-08		FILE NAME: SI-61007-F_A.DWG	.X / .XX / .XXX ±0.004	UNIT : INCH [mm] / REV. : A / SCALE : N/A / SIZE : A4 / PAGE : 4

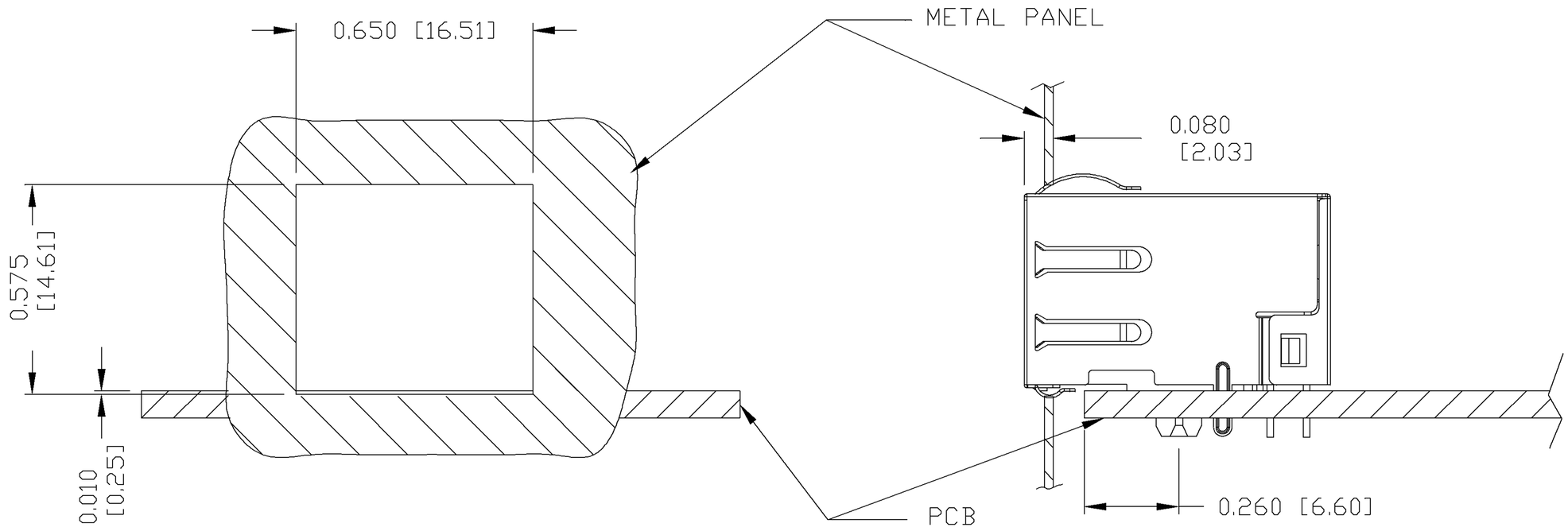
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SUGGESTED PANEL OPENING



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 : 0200-9999-Q7 (TOP)
0200-9999-Q8 (BOTTOM)

PACKING QUANTITY : 80 PCS FINISHED GOODS PER TRAY
10 TRAYS (800 PCS FINISHED GOODS) PER CARTON BOX

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

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