



SCHEMATIC

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

CL @ 100kHz/100mVRMS

8mA DC BIAS	350µH MIN.
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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)

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB

CM TO CM REJ

100kHz - 100MHz	-30 dB MIN
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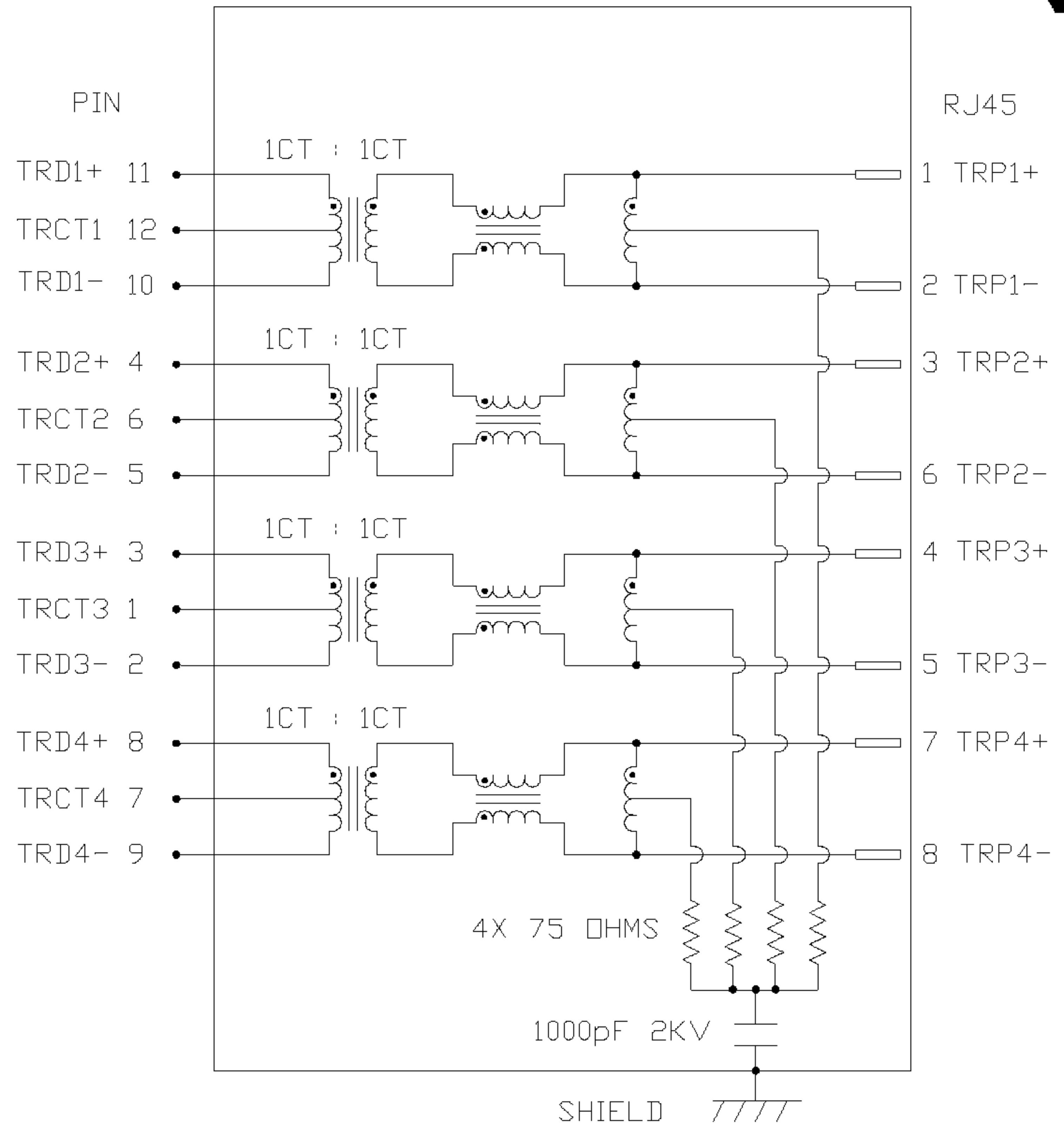
CM TO DM REJ

100kHz - 100MHz	-35 dB MIN
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HIPOT (Isolation Voltage):

1500 Vrms

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



ORIGINATED BY CHOW WANG CHUNG	DATE 05-16-07	TITLE gigabit MagJack® (12 Cores, Tab Up, Without LED)	PART NO. / DRAWING NO. 08161X4T23-F	STANDARD DIM. TOL. IN INCH .X .XX .XXX	[] METRIC DIM. AS REFERENCE UNIT : INCH [mm] SCALE : N/A REV. : A SIZE : A4 PAGE : 2	<p>COMPONENTS FOR A CONNECTED PLANET</p>
DRAWN BY LEE WEI DE	DATE 05-16-07	FILE NAME 08161X4T23-F_A.DWG				

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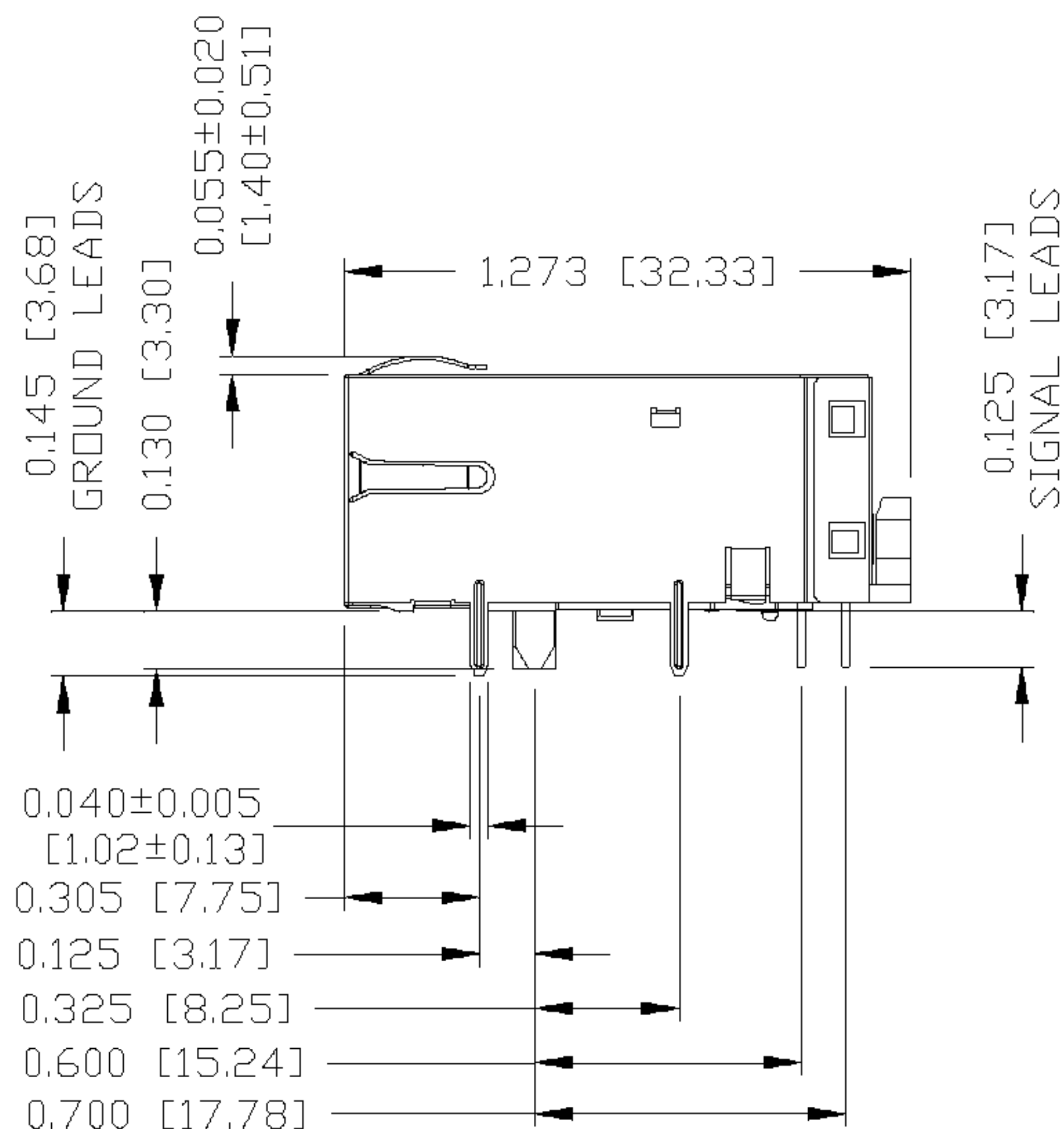
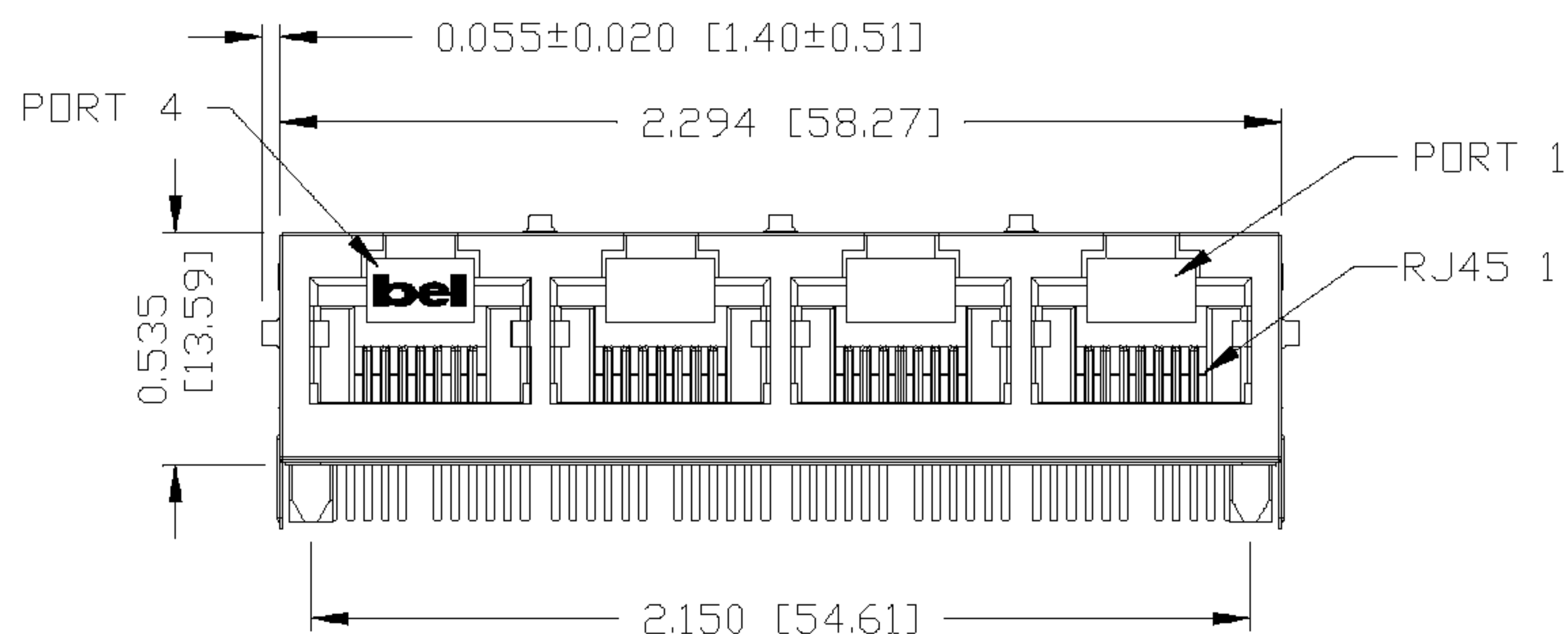
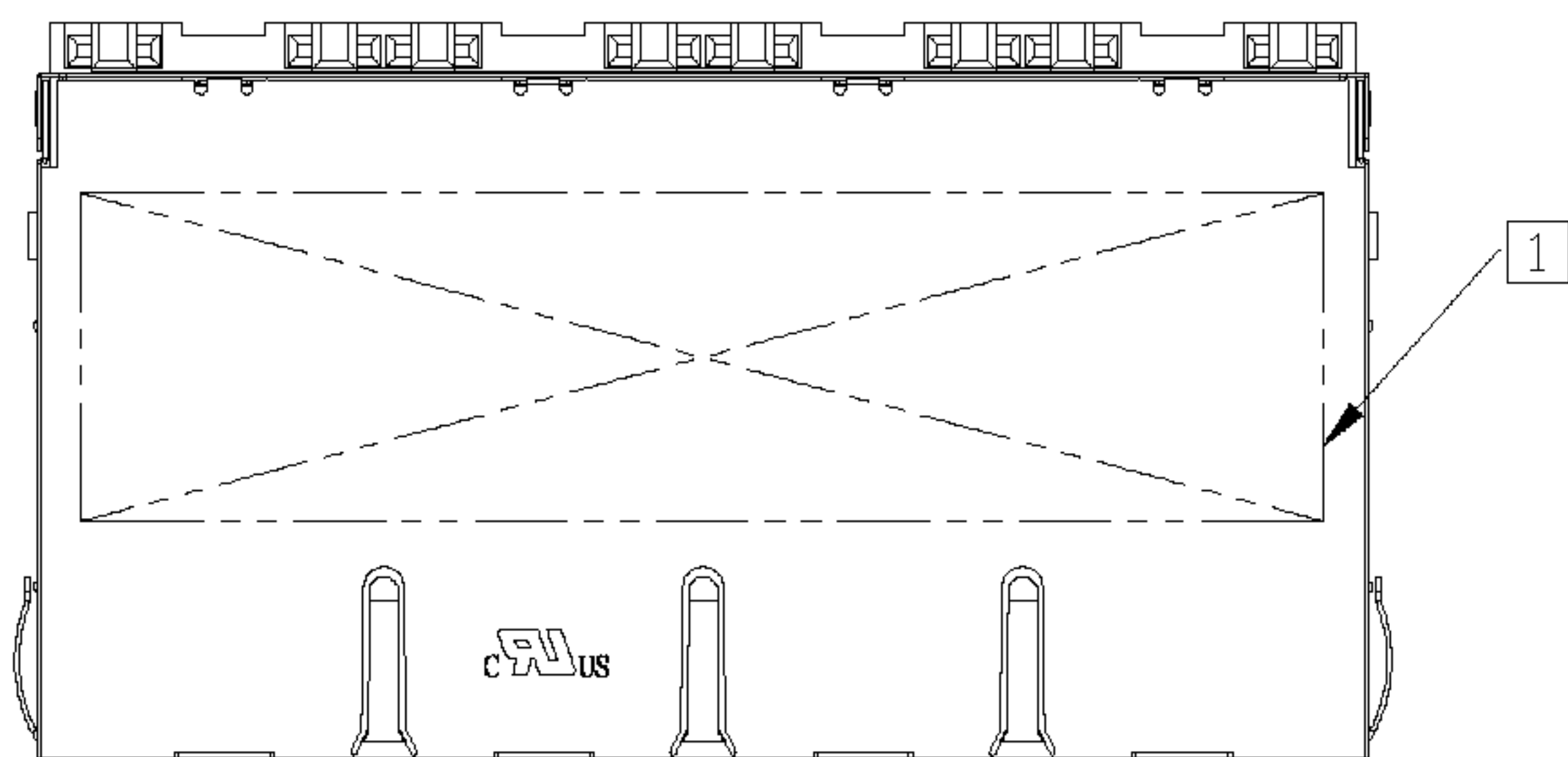
RoHS
2002/95/EC



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 LOGO, MFG NAME, PART NUMBER AND DATE CODE.



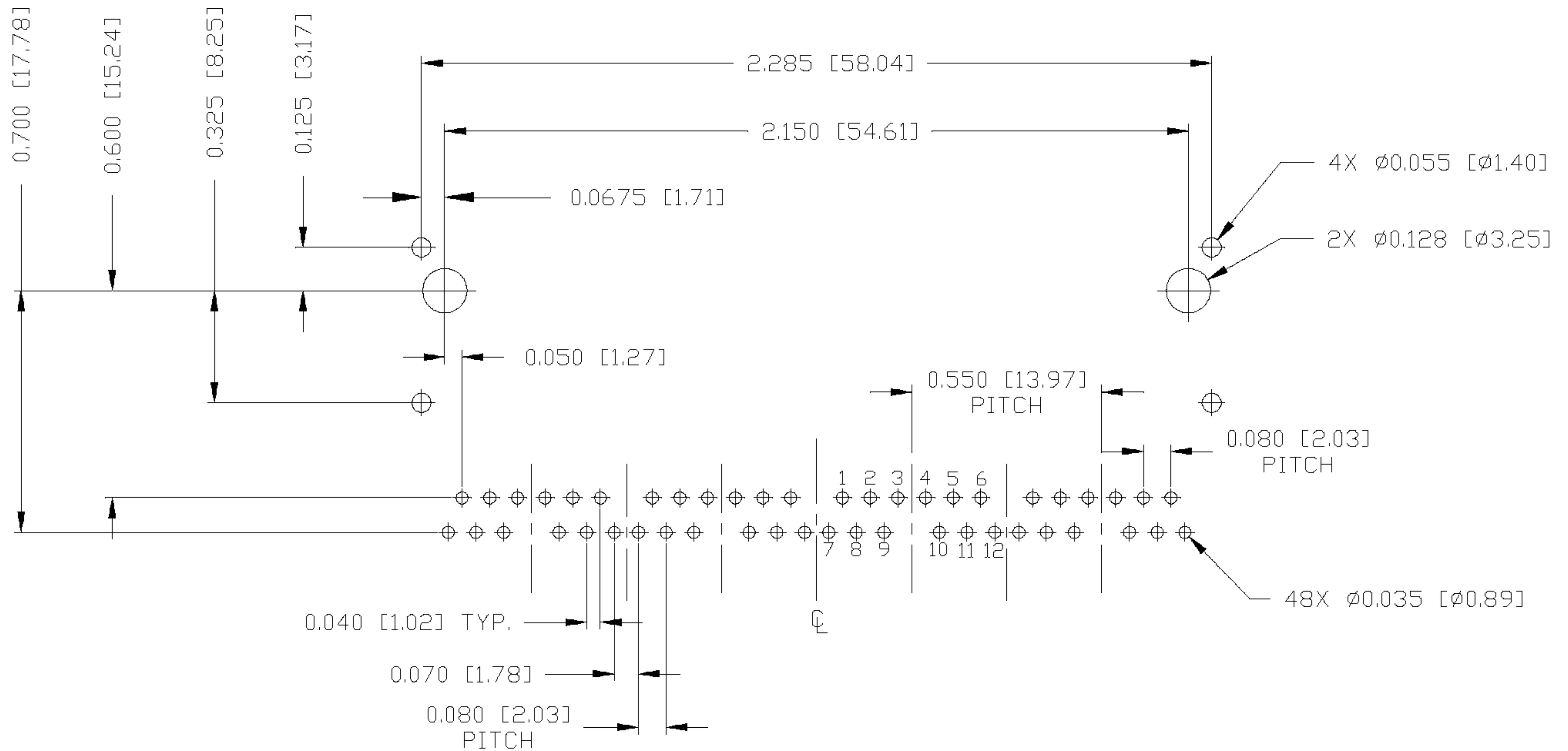
bel US UL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY LIU QIN	DATE 05-16-07	TITLE gigabit MagJack® (12 Cores, Tab Up, Without LED)	PART NO. / DRAWING NO. 08161X4T23-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
DRAWN BY CHEN TING	DATE 05-16-07	0816-1X4T-23-F	FILE NAME 08161X4T23-F_A.DWG	.X .XX .XXX ±0.010	UNIT : INCH [mm] SCALE : N/A REV. : A SIZE : A4 PAGE : 3



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RoHS
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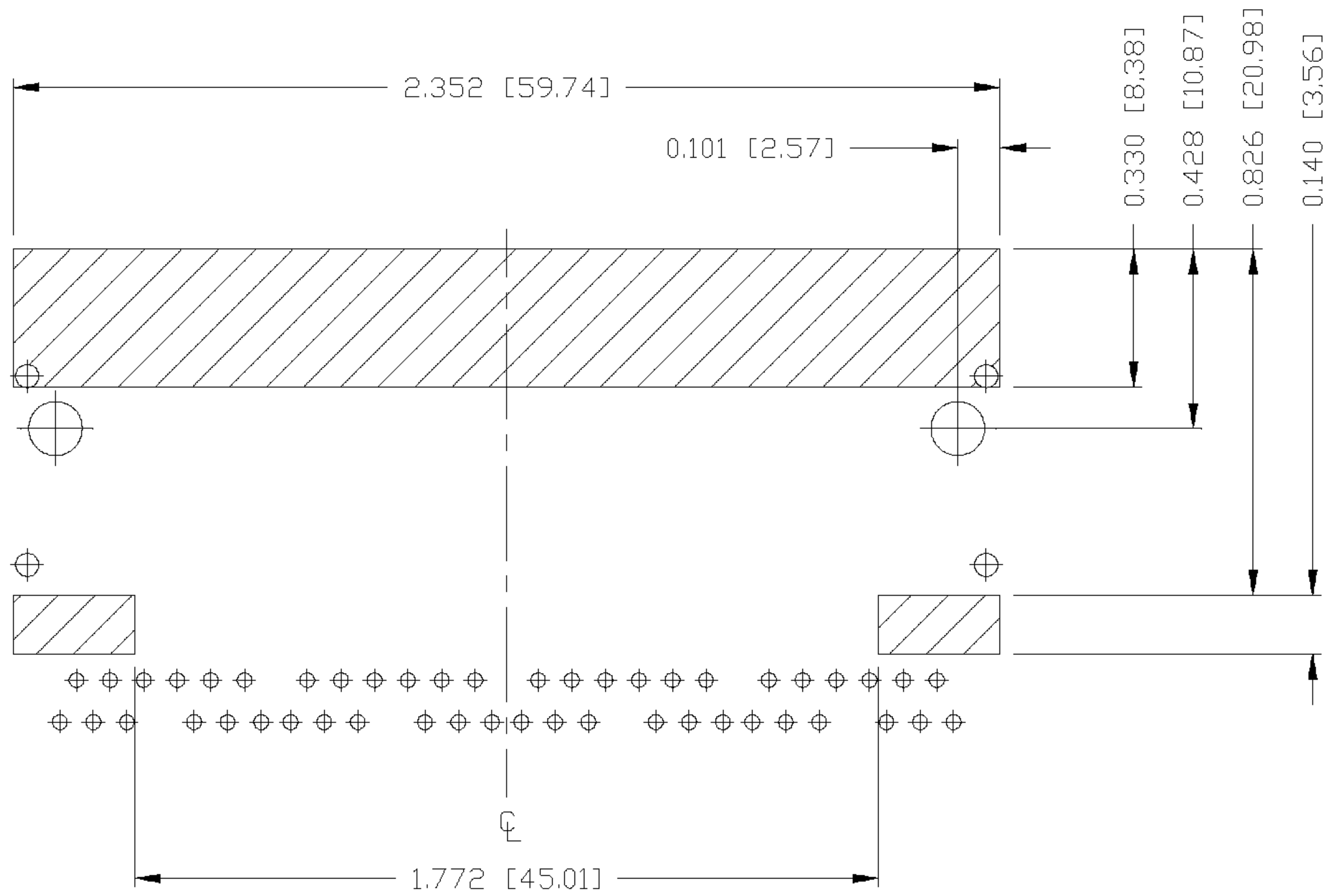


RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

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				.X		UNIT : INCH [mm]	REV. : A	
DRAWN BY CHEN TING	DATE 05-16-07	FILE NAME 08161X4T23-F_A.DWG	.XX		SCALE : N/A	SIZE : A4		
			.XXX	±0.004		PAGE : 4		



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NOTES

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

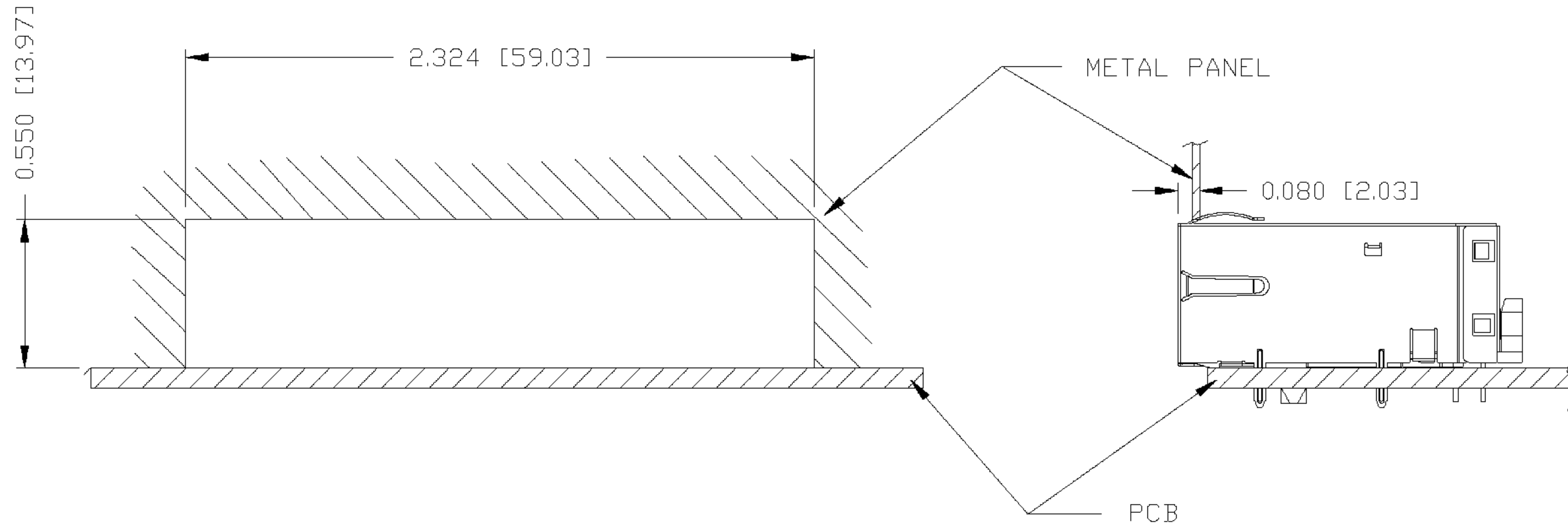
ORIGINATED BY LIU QIN	DATE 05-16-07	TITLE gigabit MagJack® (12 Cores, Tab Up, Without LED)	PART NO. / DRAWING NO. 08161X4T23-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		REV. : A	SIZE : A4	PAGE : 5
				.X		UNIT : INCH [mm]	SCALE : N/A			
DRAWN BY CHEN TING	DATE 05-16-07	FILE NAME 08161X4T23-F_A.DWG		.XX						
				.XXX	±0.004					



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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-B4 (TOP)
0200-9999-B5 (BOTTOM)

PACKING QUANTITY : 24 PCS FINISHED GOOD PER TRAY
10 TRAYS (240 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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				TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY CHEN TING	DATE 05-16-07	FILE NAME 08161X4T23-F_A.DWG	.X		SCALE : N/A	SIZE : A4		
			.XX			PAGE : 6		
				.XXX ±0.004				