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LED1 POLARITY			LED2 POLARITY		
PIN 7	PIN 8	COLOR	PIN 9	PIN 10	COLOR
−	+	GREEN	−	+	GREEN
+	−	YELLOW	+	−	YELLOW

PRELIMINARY

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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−100MHz −35 dB MIN

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

CM TO DM REJ
- 100kHz−100MHz −40 dB MIN

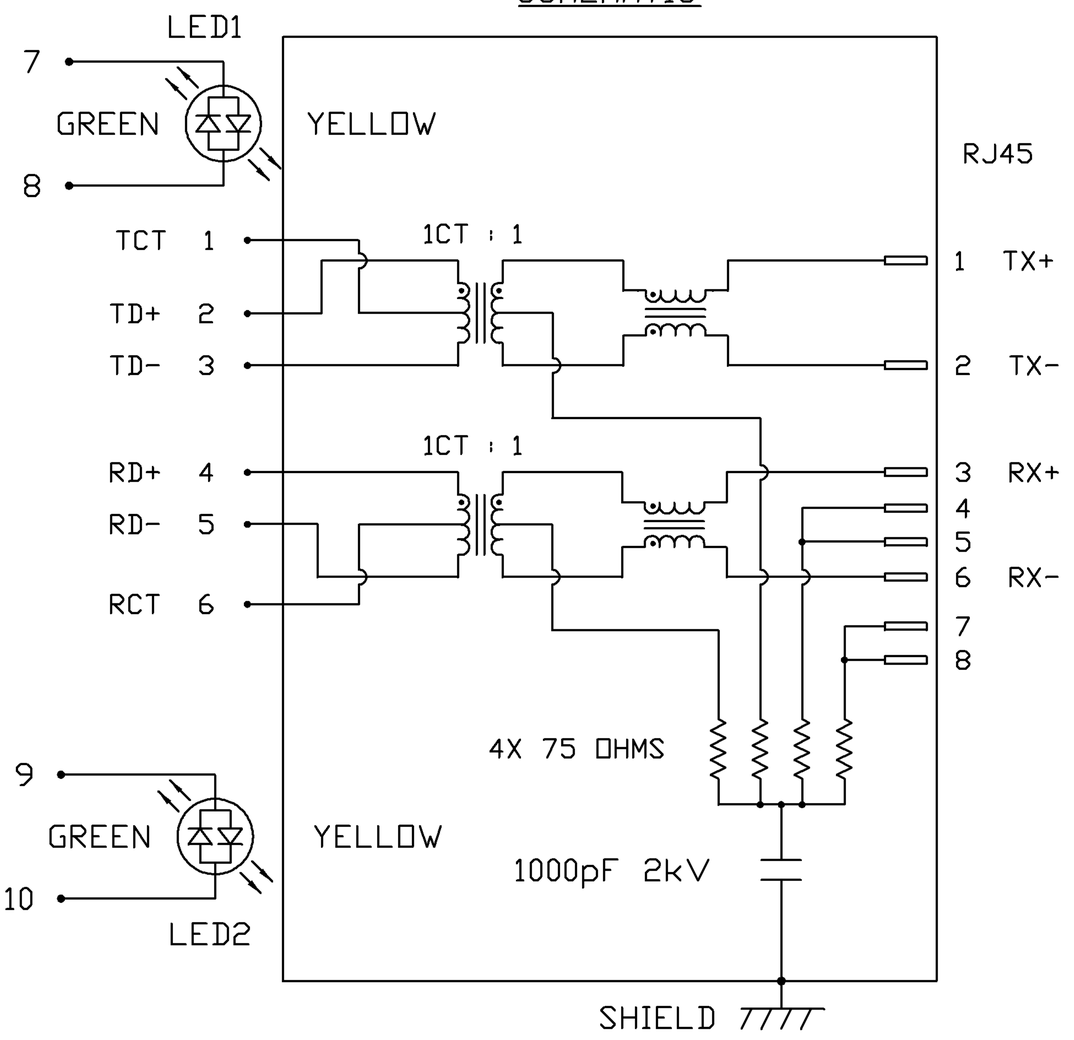
HIPOT (Isolation Voltage): 1500 Vrms

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

OPERATING TEMPERATURE: −40°C TO 85°C

LED 1 & 2
- VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP.; YELLOW 2.1V TYP.
- λD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.; YELLOW 590nm TYP.

SCHEMATIC



ORIGINATED BY: CHOWWANCHUNG	DATE: 08-06-08	TITLE: 1X4 10/100 MagJack® (4 cores, Tab Up) 0826-1C4T-36-F	PART NO. / DRAWING NO.: 08261C4T36-F
DRAWN BY: WEIDE LEE	DATE: 08-06-08		FILE NAME: 08261C4T36-F_PB.DWG

STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX

[ ] METRIC DIM. AS REFERENCE

UNIT : INCH [mm] | REV. : PB

SCALE : N/A | SIZE : A4

PAGE : 2

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NOTES:

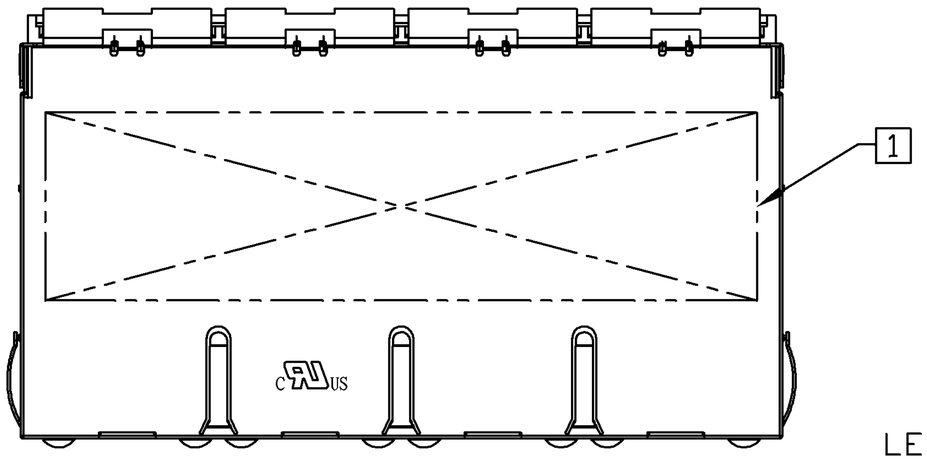
PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0

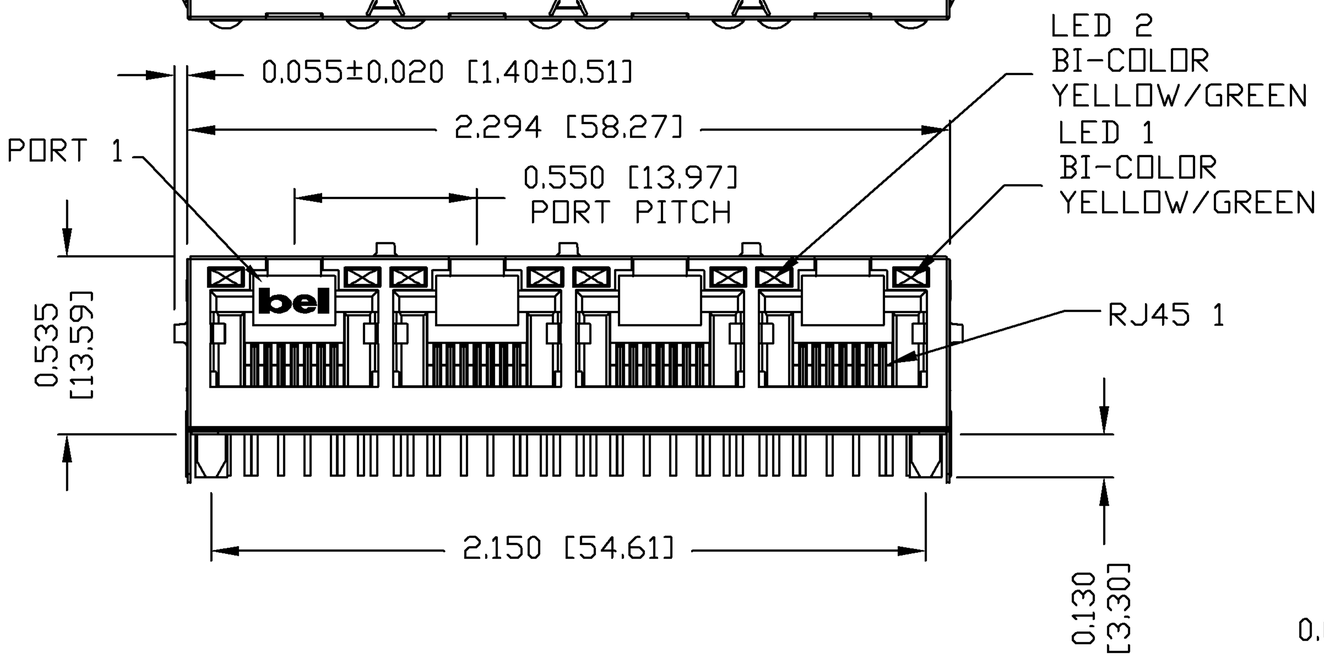
CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING

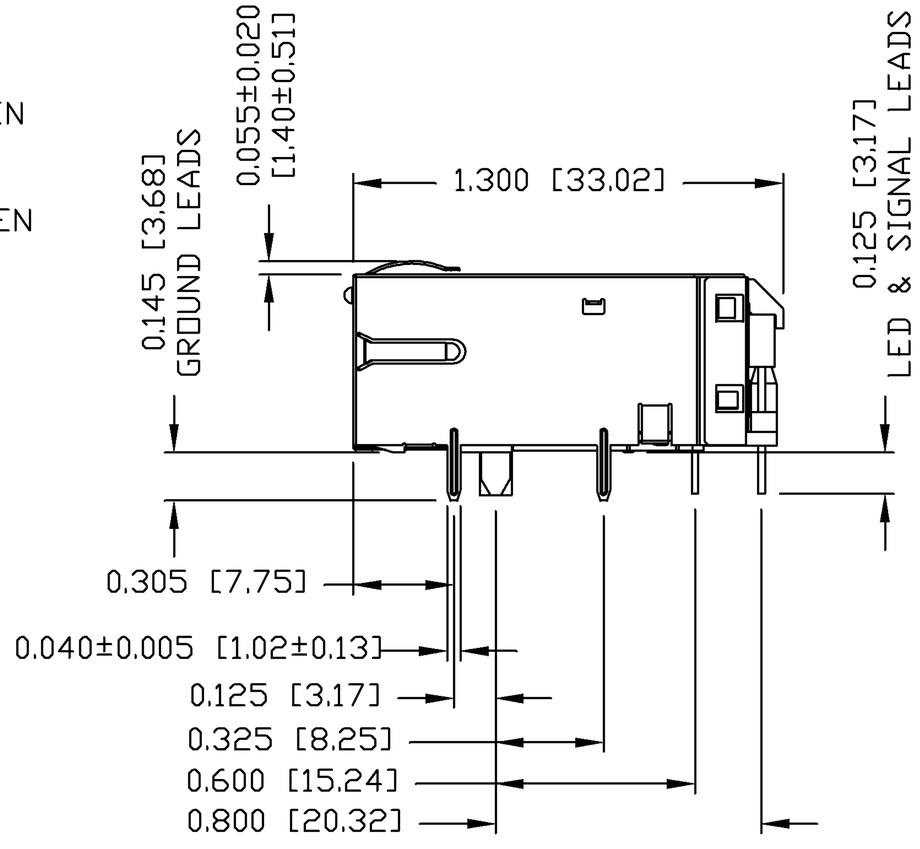
PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.

METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.







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

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

c UL us UL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE	
ZX HUANG	08-06-08	1X4 10/100 MagJack® (4 cores, Tab Up) 0826-1C4T-36-F	08261C4T36-F	.X		UNIT : INCH [mm]	REV. : PB
DRAWN BY	DATE		FILE NAME	.XX		SCALE : N/A	SIZE : A4
BL CHEN	08-06-08		08261C4T36-F_PB.DWG	.XXX	±0.010		PAGE : 3

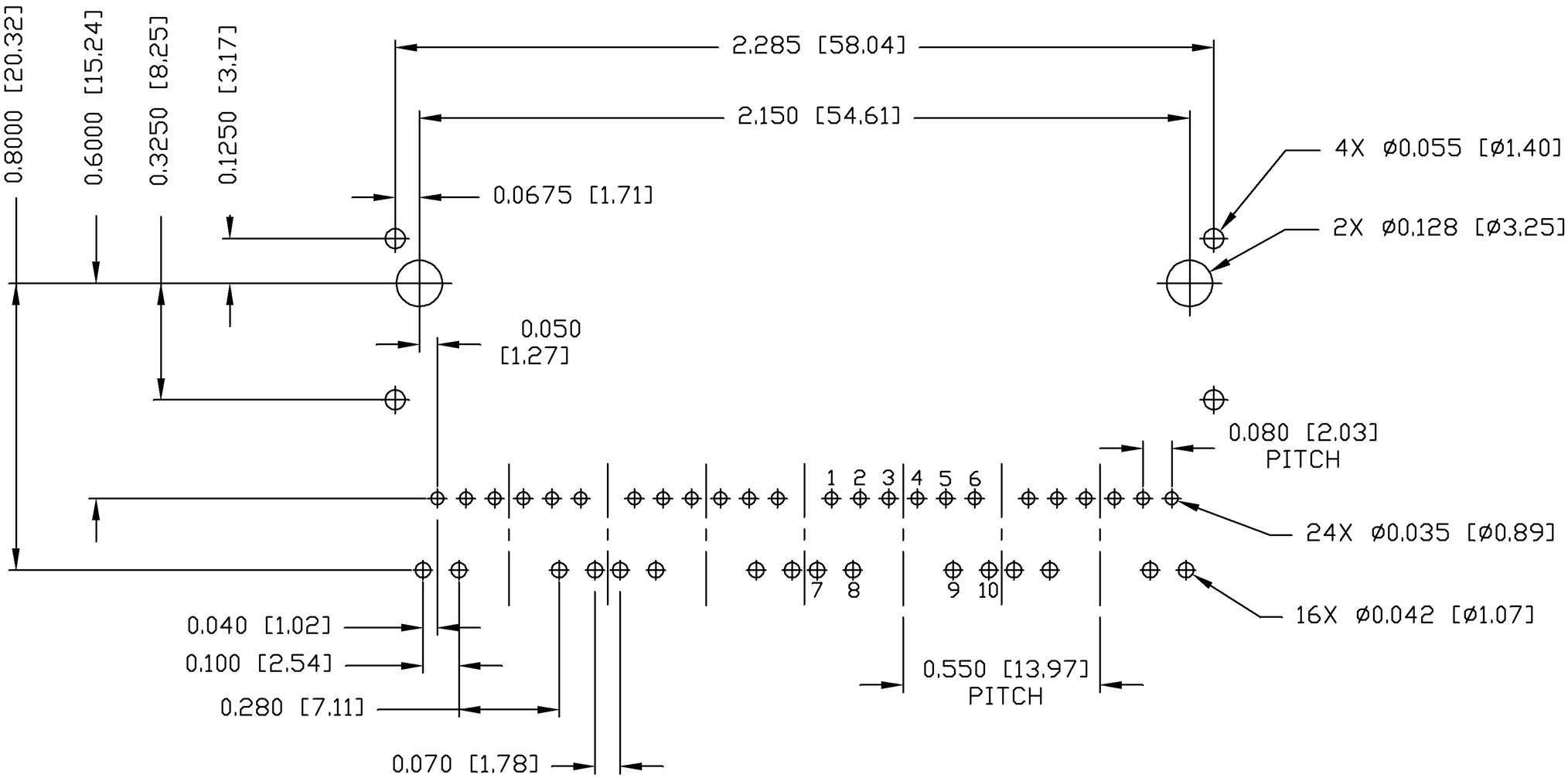
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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

ORIGINATED BY: ZX HUANG	DATE: 08-06-08	TITLE: 1X4 10/100 MagJack® (4 cores,Tab Up) 0826-1C4T-36-F	PART NO. / DRAWING NO.: 08261C4T36-F	STANDARD DIM. TOL. IN INCH: .X; .XX; .XXX ±0.004	[ ] METRIC DIM. AS REFERENCE
DRAWN BY: BL CHEN	DATE: 08-06-08		FILE NAME: 08261C4T36-F_PB.DWG		UNIT : INCH [mm] / REV. : PB; SCALE : N/A / SIZE : A4; PAGE : 4

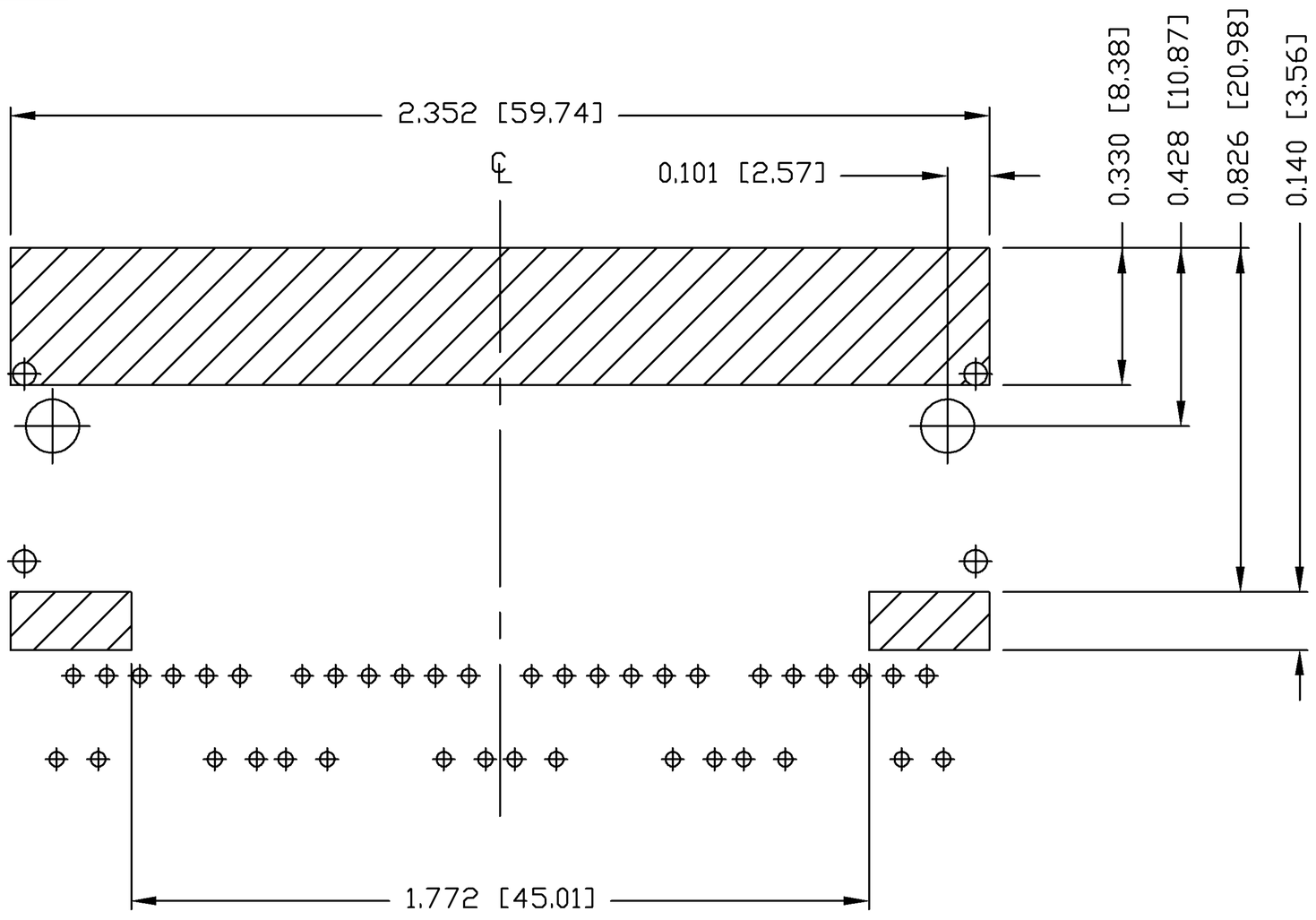
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NOTES:

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

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DRAWN BY: BL CHEN	DATE: 08-06-08		FILE NAME: 08261C4T36-F_PB.DWG		UNIT : INCH [mm] / REV. : PB
					SCALE : N/A / SIZE : A4
					PAGE : 5

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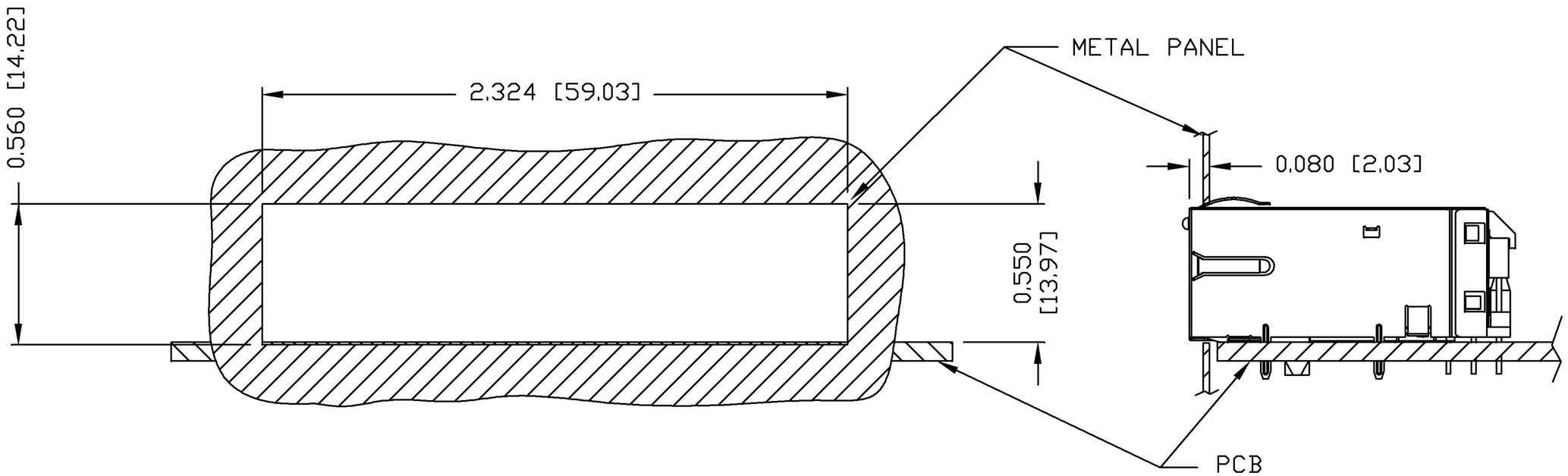
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PRELIMINARY

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 GOODS 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)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM. AS REFERENCE	
ZX HUANG	08-06-08	1X4 10/100 MagJack® (4 cores, Tab Up) 0826-1C4T-36-F	08261C4T36-F	.X		UNIT : INCH [mm]	REV. : PB
DRAWN BY	DATE		FILE NAME	.XX		SCALE : N/A	SIZE : A4
BL CHEN	08-06-08		08261C4T36-F_PB.DWG	.XXX	±0.004		PAGE : 6

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