

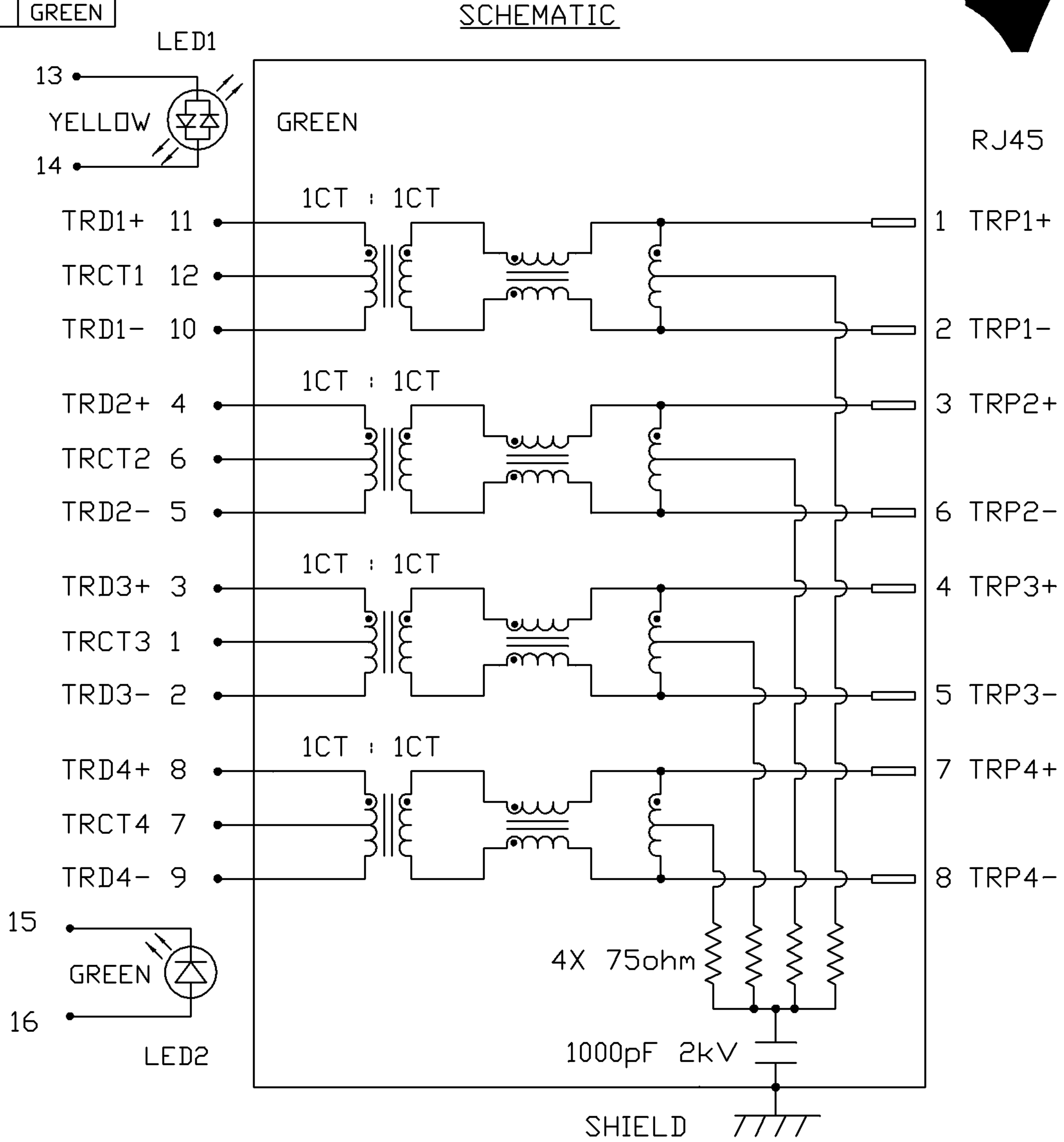
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LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
+	-	YELLOW			
-	+	GREEN	-	+	GREEN



ELECTRICAL CHARACTERISTICS @ 25°C
TURNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%
OCCL @ 100kHz/100mVRMS	
8mA DC BIAS	350µH MIN.
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) @ 100 OHMS ±15%	
0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB
CM TO CM REJ	
100kHz - 100MHz	-30 dB MIN
CM TO DM REJ	
100kHz - 100MHz	-35 dB MIN
HIPOT (Isolation Voltage):	1500 Vrms
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.	
LED 1	
VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.
	IF=20mA YELLOW 2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.
	IF=20mA YELLOW 590nm TYP.
LED 2	
VF (FORWARD VOLTAGE)	IF=20mA GREEN 2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA GREEN 565nm TYP.



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE
CHOW WANCHUNG	08-19-08	1X4 gigabit MagJack® (12 cores,Tab Up)	08261L4T23-F	TOL. IN INCH	UNIT : INCH [mm] REV. : B
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A SIZE : A4
WEIDE LEE	08-19-08	0826-1L4T-23-F	08261L4T23-F_B.DWG	.XX	⊕
				.XXX	⊖
					PAGE : 2



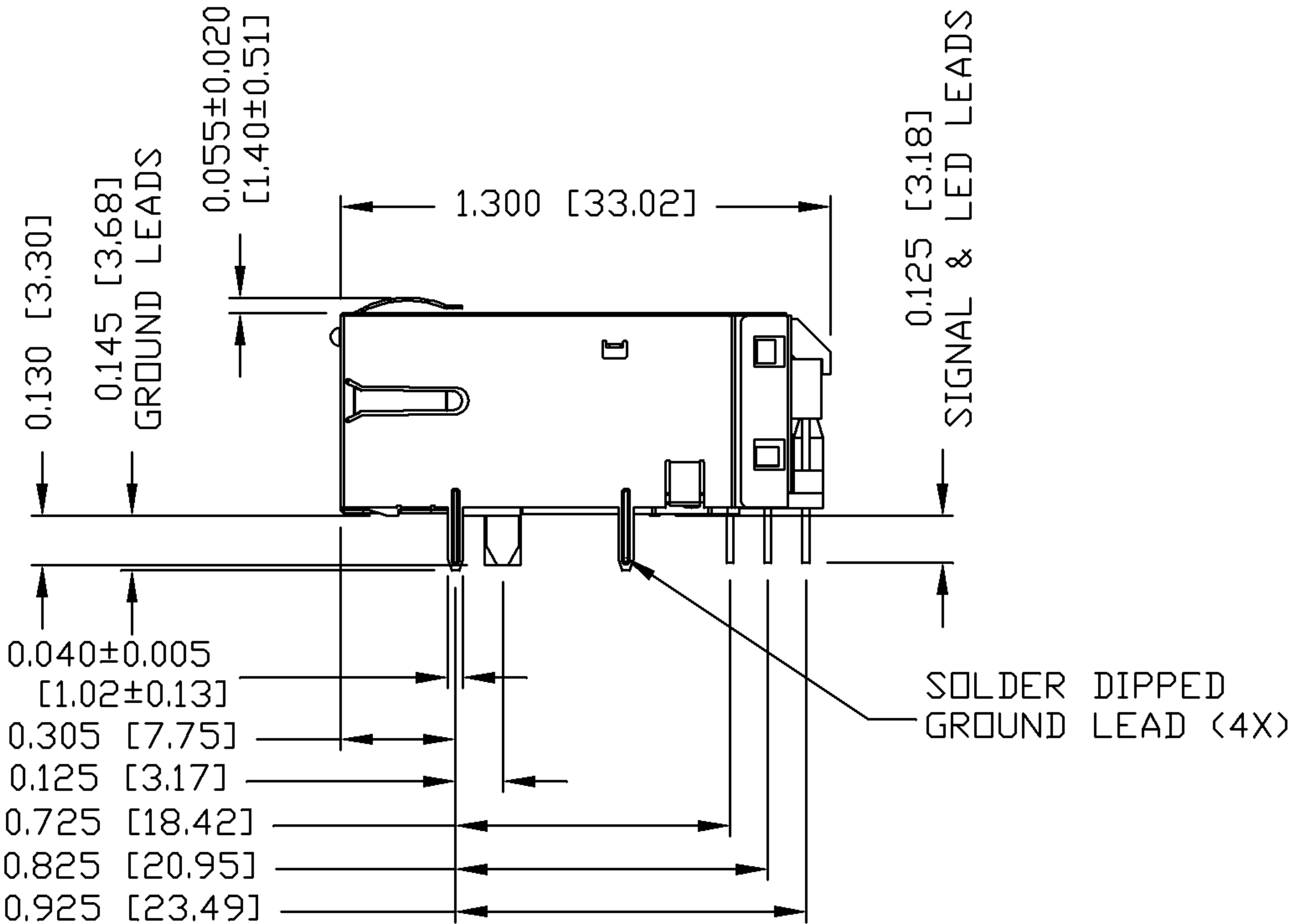
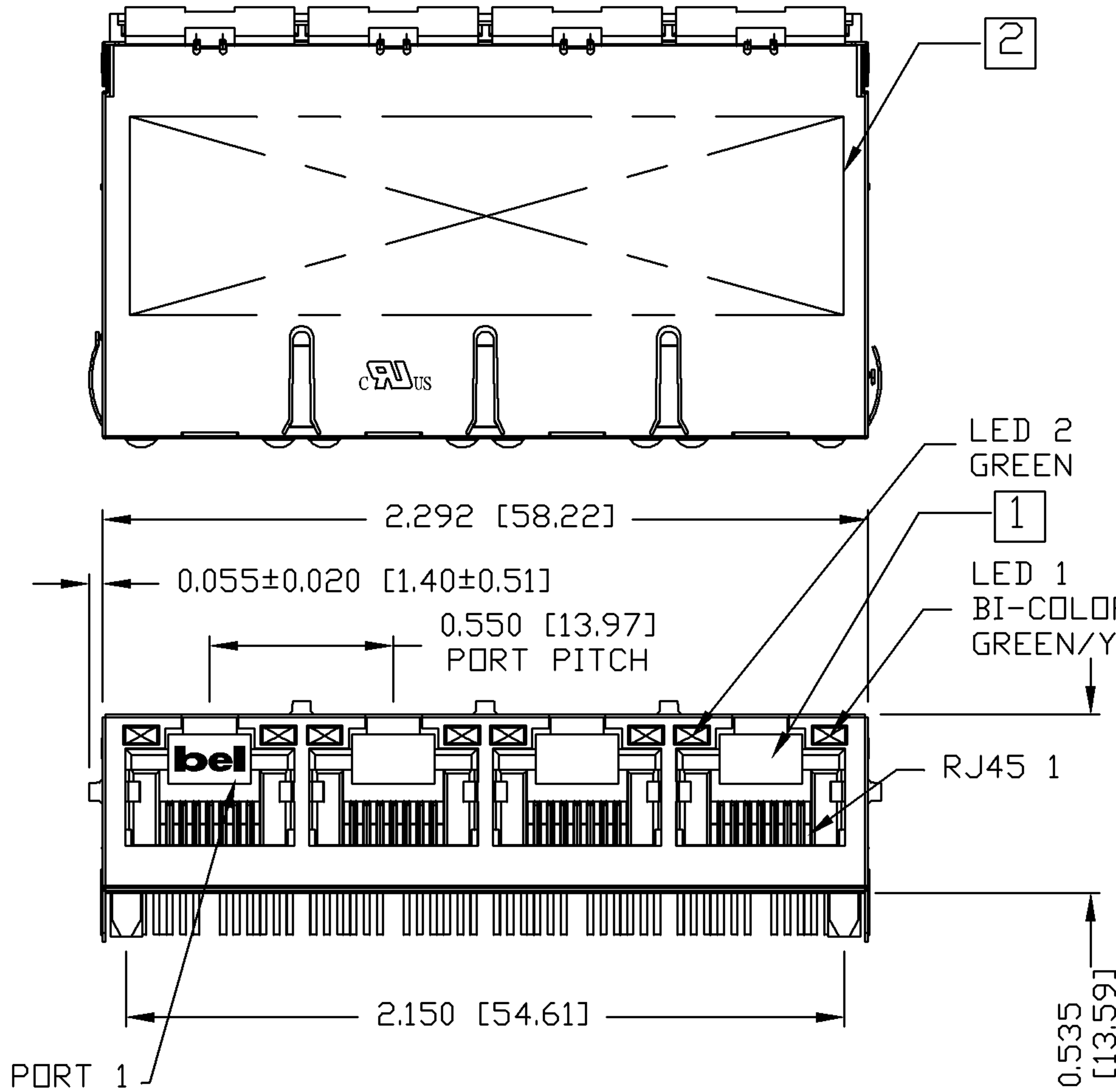
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RoHS
2002/95/EC



NOTES:

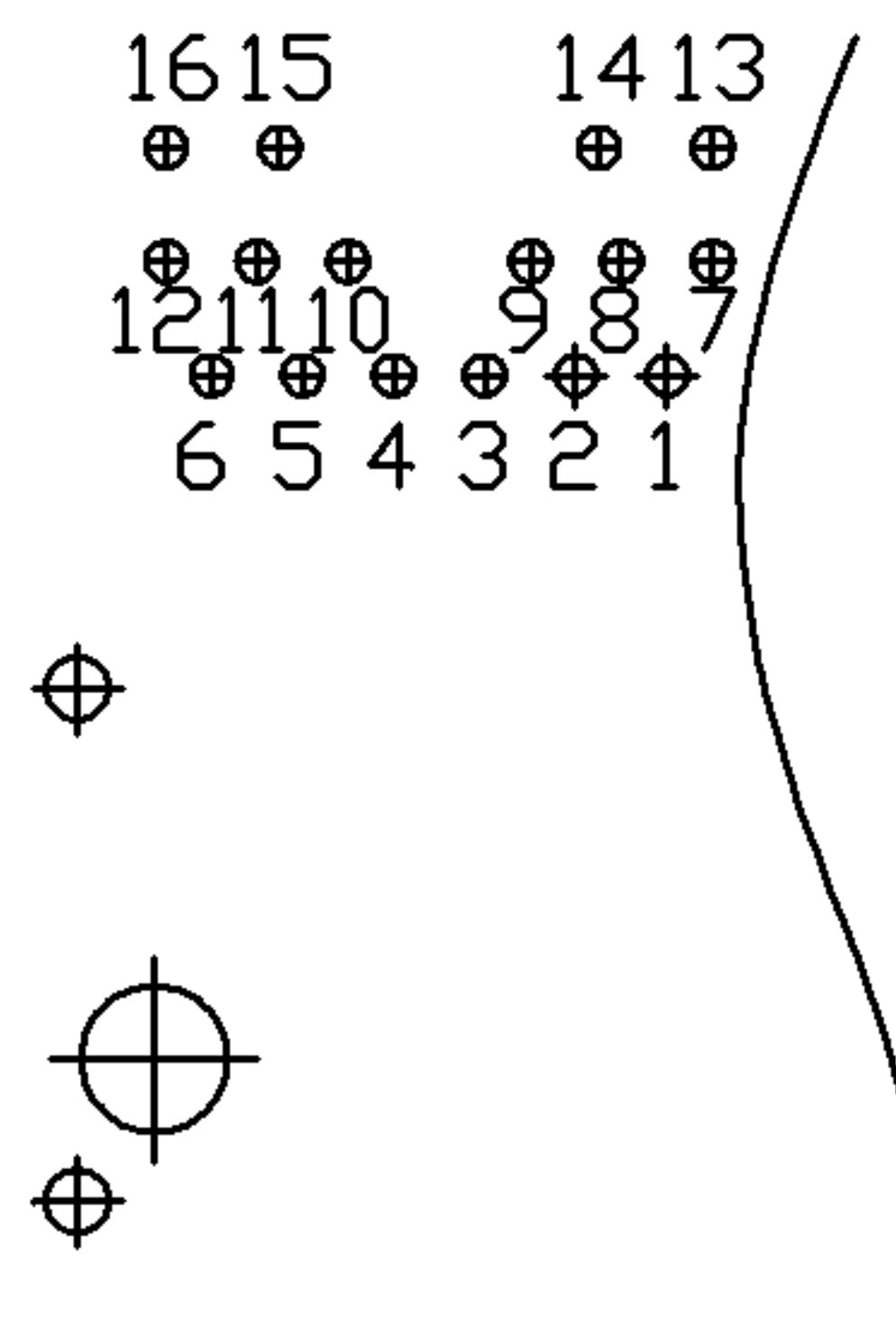
- PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
- CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING
- PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
- METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)
- [1] JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- [2] MARK PART WITH MFG. LOGO; MFG. NAME; PART NUMBER; DATE CODE.
- C  US UL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.



ORIGINATED BY	DATE	TITLE 1X4 gigabit MagJack® (12 cores,Tab Up) 0826-1L4T-23-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET™
ZX HUANG	08-19-08 <td>08261L4T23-F</td> <th colspan="2">TOL. IN INCH</th> <th>UNIT : INCH [mm]</th> <th>REV. : B</th>		08261L4T23-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
BL CHEN	08-19-08		08261L4T23-F_B.DWG	.XX				
		.XXX		±0.010				

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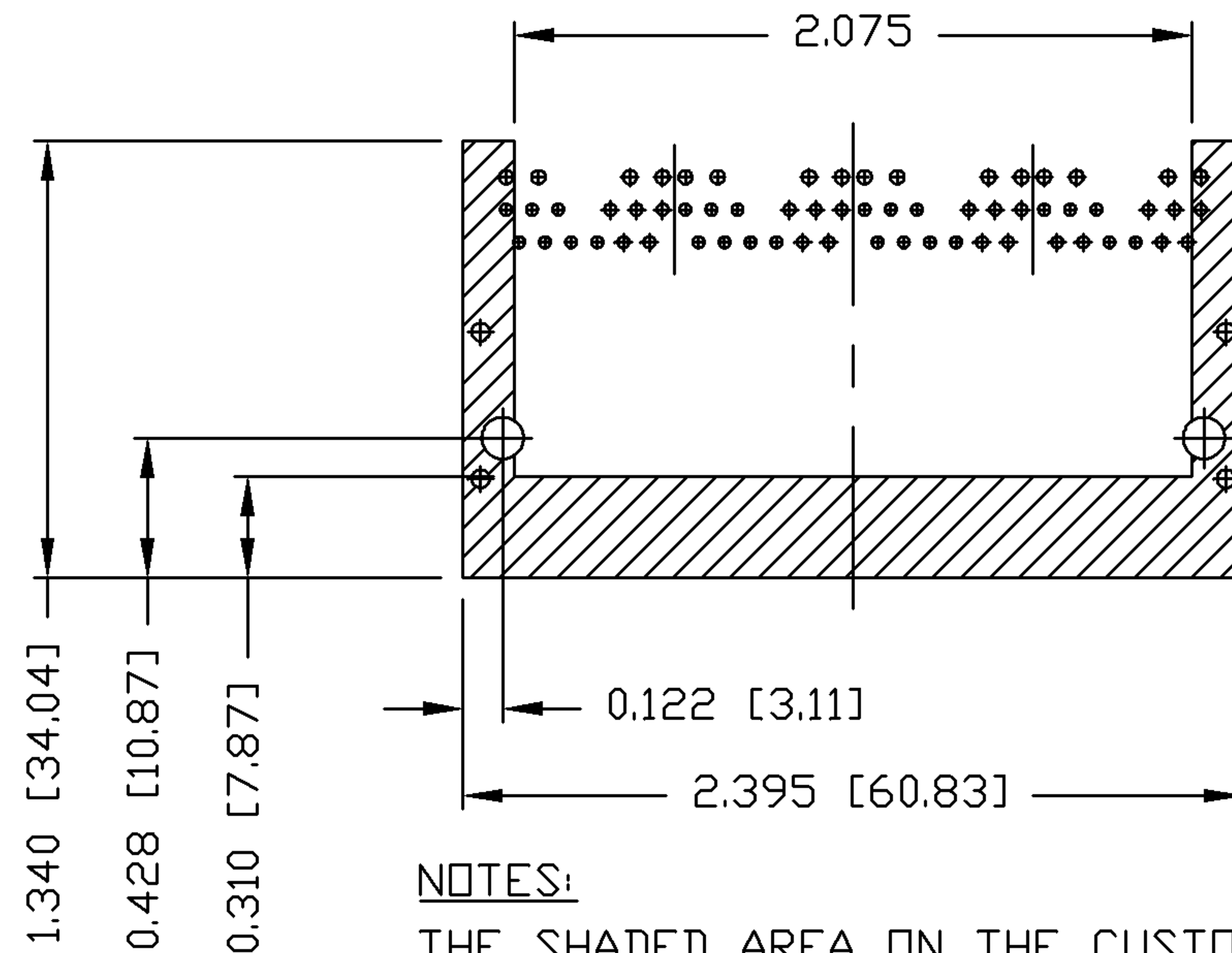
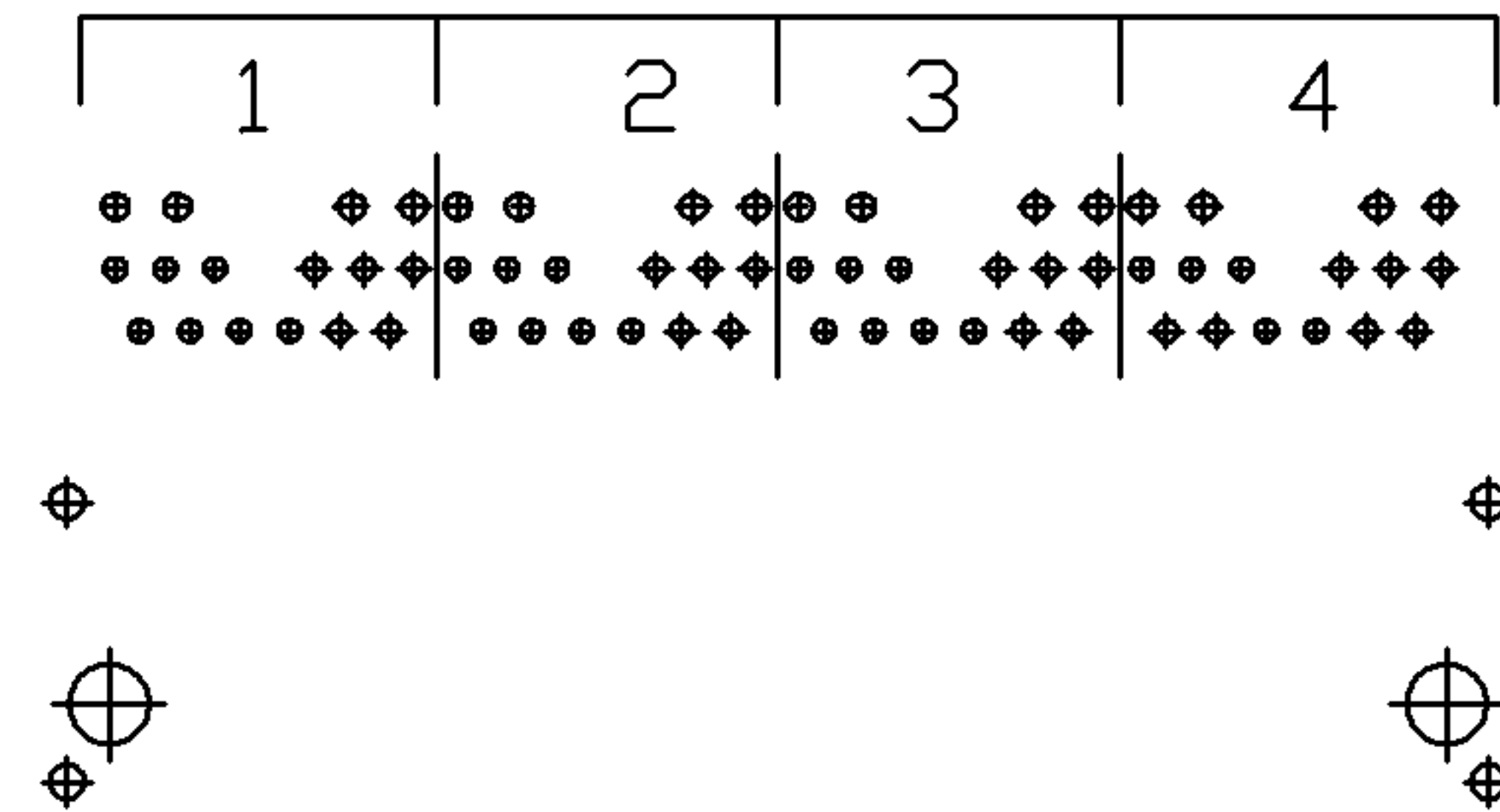
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PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

12	TRCT1
11	TRD1+
10	TRD1-
9	TRD4-
8	TRD4+
7	TRCT4
6	TRCT2
5	TRD2-
4	TRD2+
3	TRD3+
2	TRD3-
1	TRCT3

PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



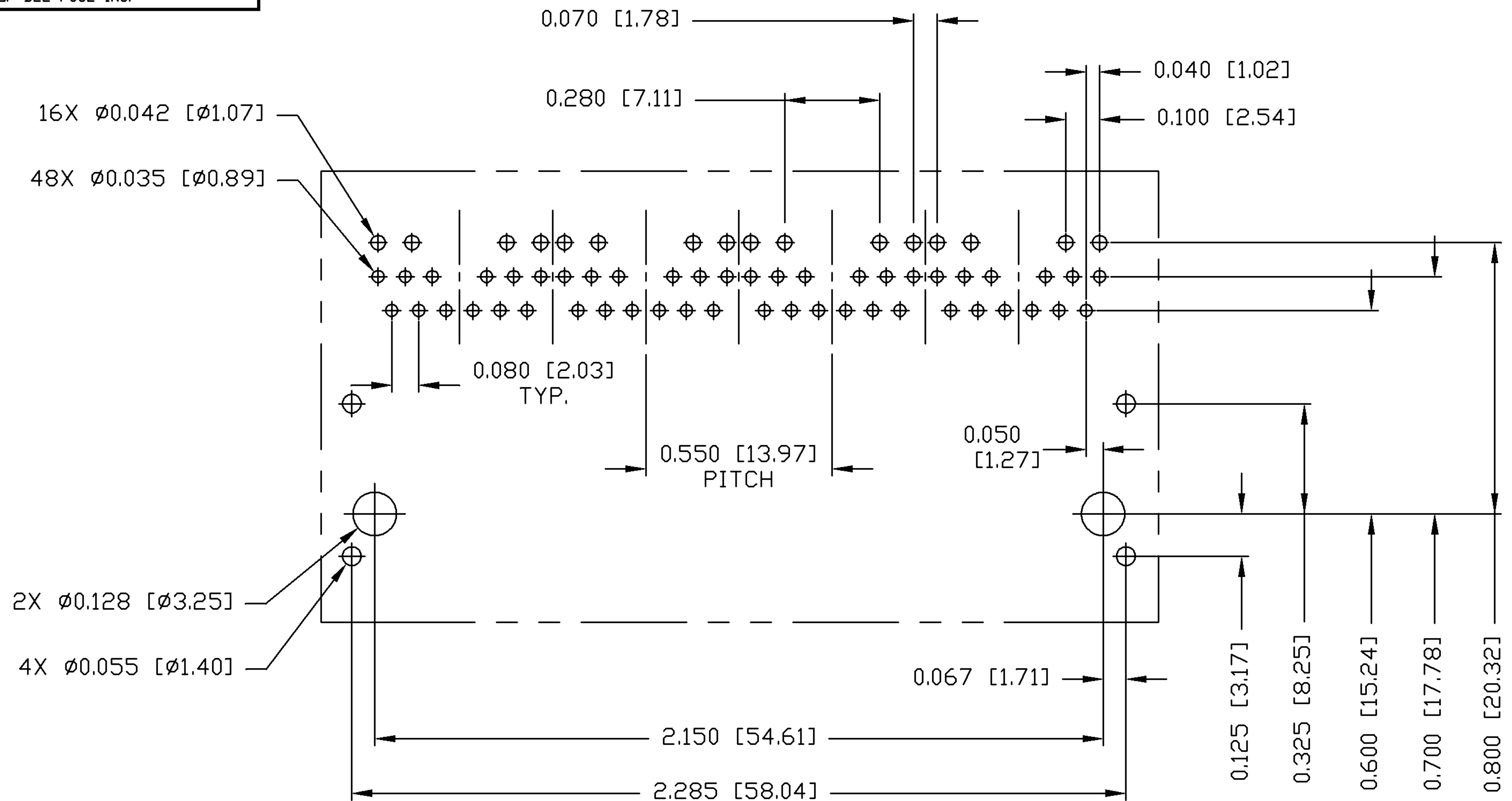
NOTES:

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

ORIGINATED BY ZX HUANG	DATE 08-19-08	TITLE 1X4 gigabit MagJack® (12 cores,Tab Up) 0826-1L4T-23-F	PART NO. / DRAWING NO. 08261L4T23-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET	
DRAWN BY BL CHEN	DATE 08-19-08		FILE NAME 08261L4T23-F_B.DWG	.X		UNIT : INCH [mm]			REV. : B
				.XX		SCALE : N/A			SIZE : A4
				.XXX	±0.004				PAGE : 4

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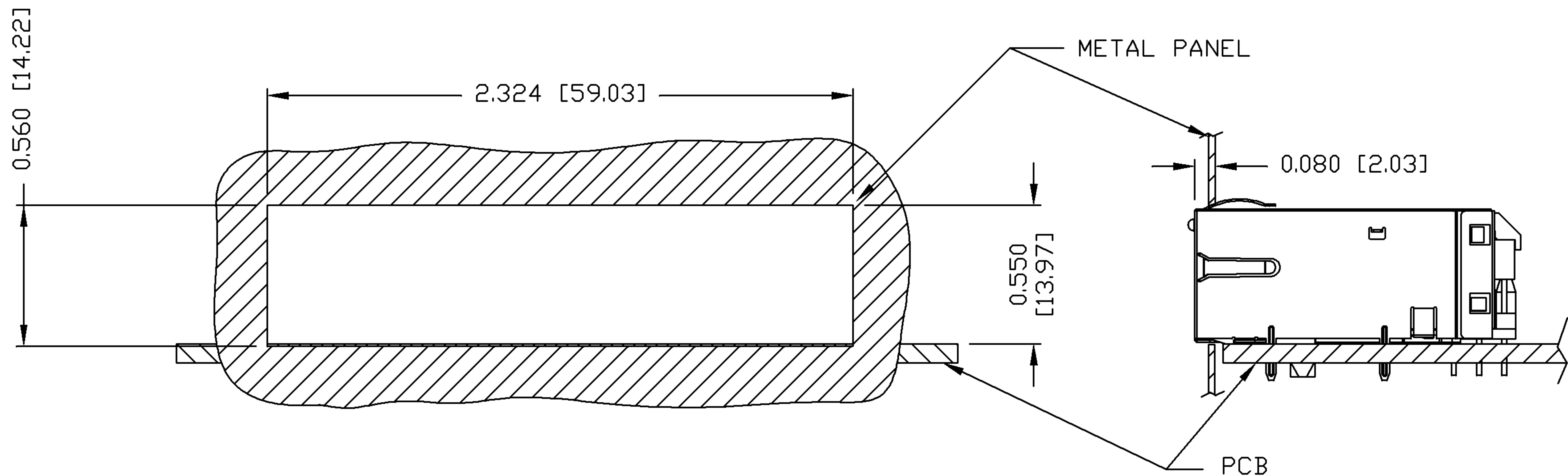
RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW

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BL CHEN	08-19-08		08261L4T23-F_B.DWG	.XX		PAGE : 5		
			.XXX	±0.004				



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SUGGESTED PANEL OPENING



NOTES:

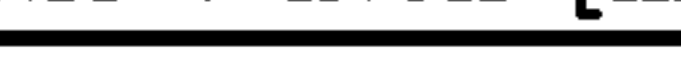
THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-9999-B4 (TOP)
0200-9999-B5 (BOTTOM)

PACKING QUANTITY : 24 PCS FINISHED 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)

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ZX HUANG	08-19-08		FILE NAME 08261L4T23-F_B.DWG	.X		UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE			.XX		SCALE : N/A	SIZE : A4	
BL CHEN	08-19-08	.XXX		±0.004			PAGE : 6	