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LED 2 & 4 POLARITY			LED 1 & 3 POLARITY		
PIN 11	PIN 12	COLOR	PIN 13	PIN 14	COLOR
+	-	GREEN	+	-	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio

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

DCL @ 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) @ 100ΩHMS ±15%

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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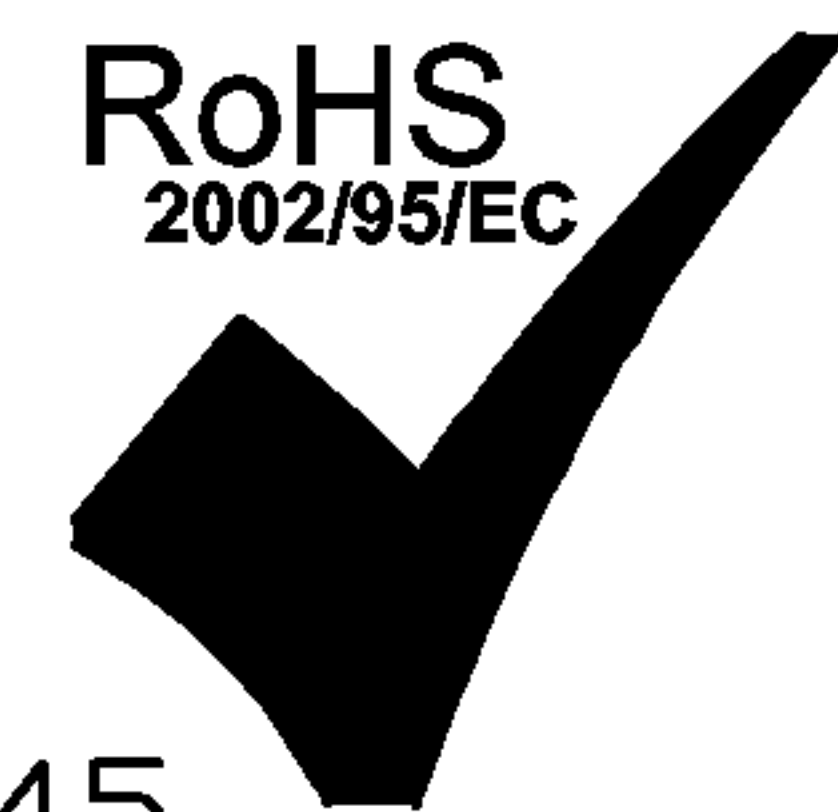
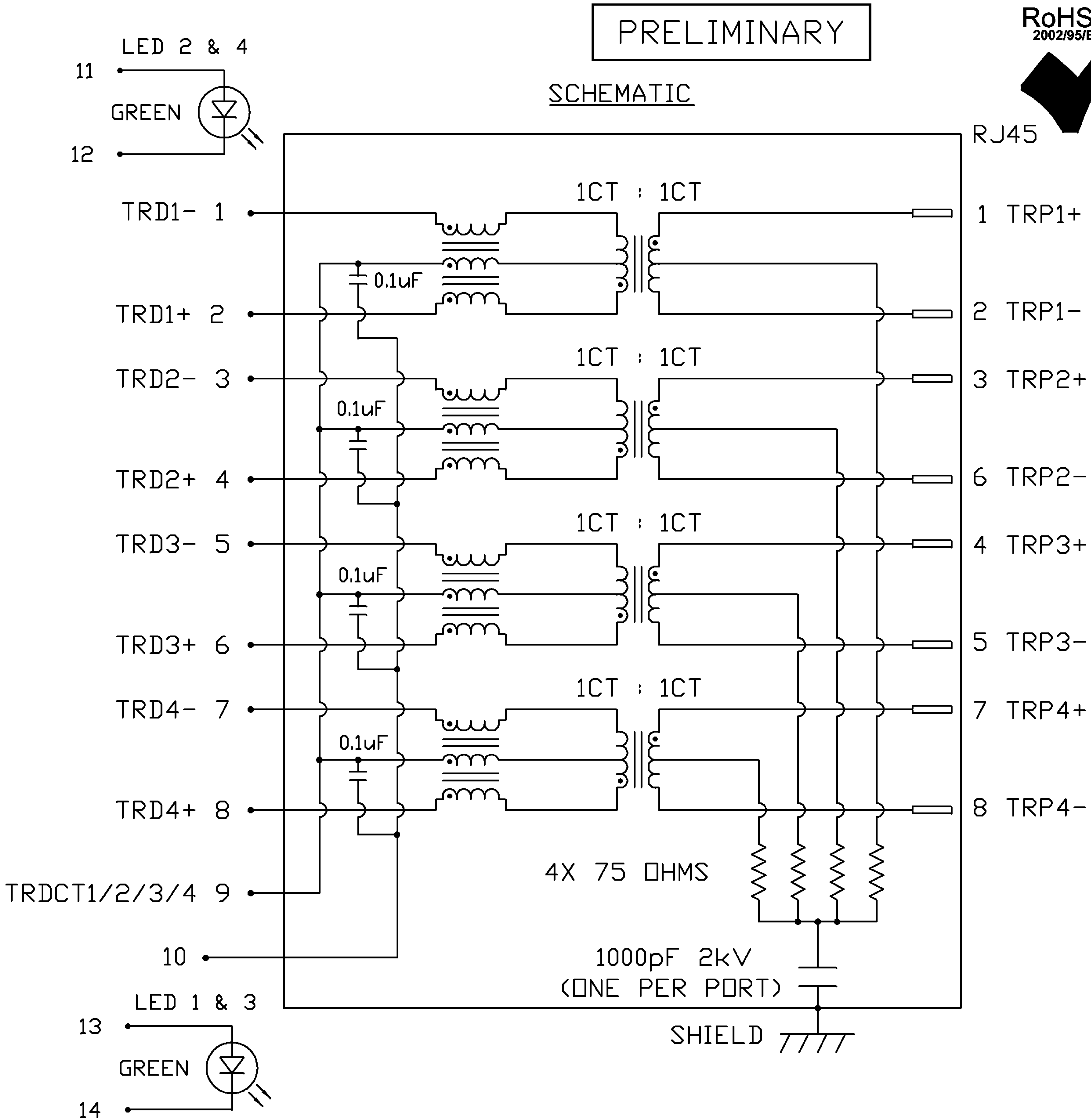
HIPOT (Isolation Voltage):

RJ1-8 TO SHIELD	1500 Vrms
RJ1-8 TO PIN1-10	1500 Vrms
PIN1-14 TO SHIELD	800 VDC

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

LEDS 1, 2, 3 AND 4

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
OPERATING TEMPERATURE:	-40°C TO 85°C		

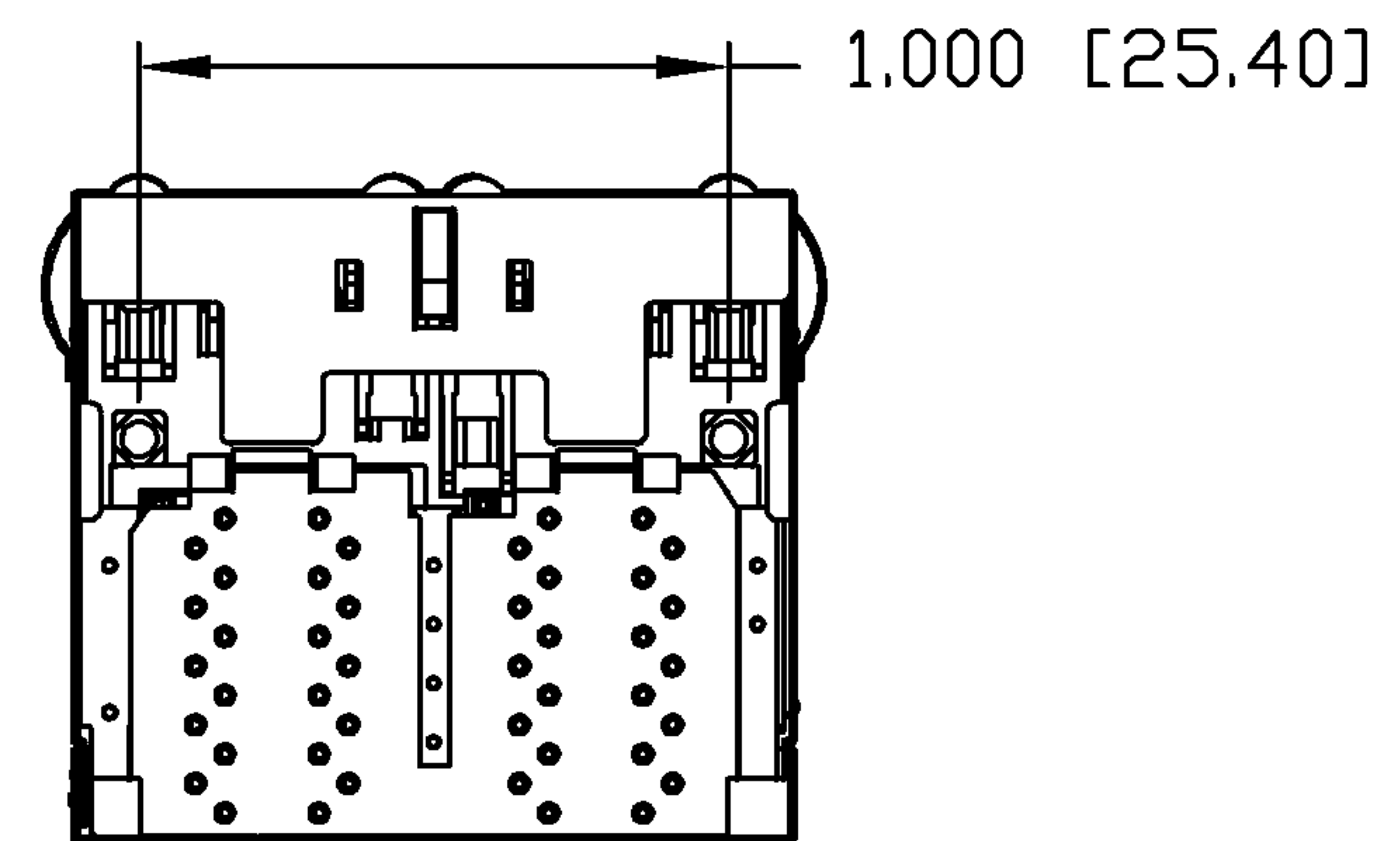
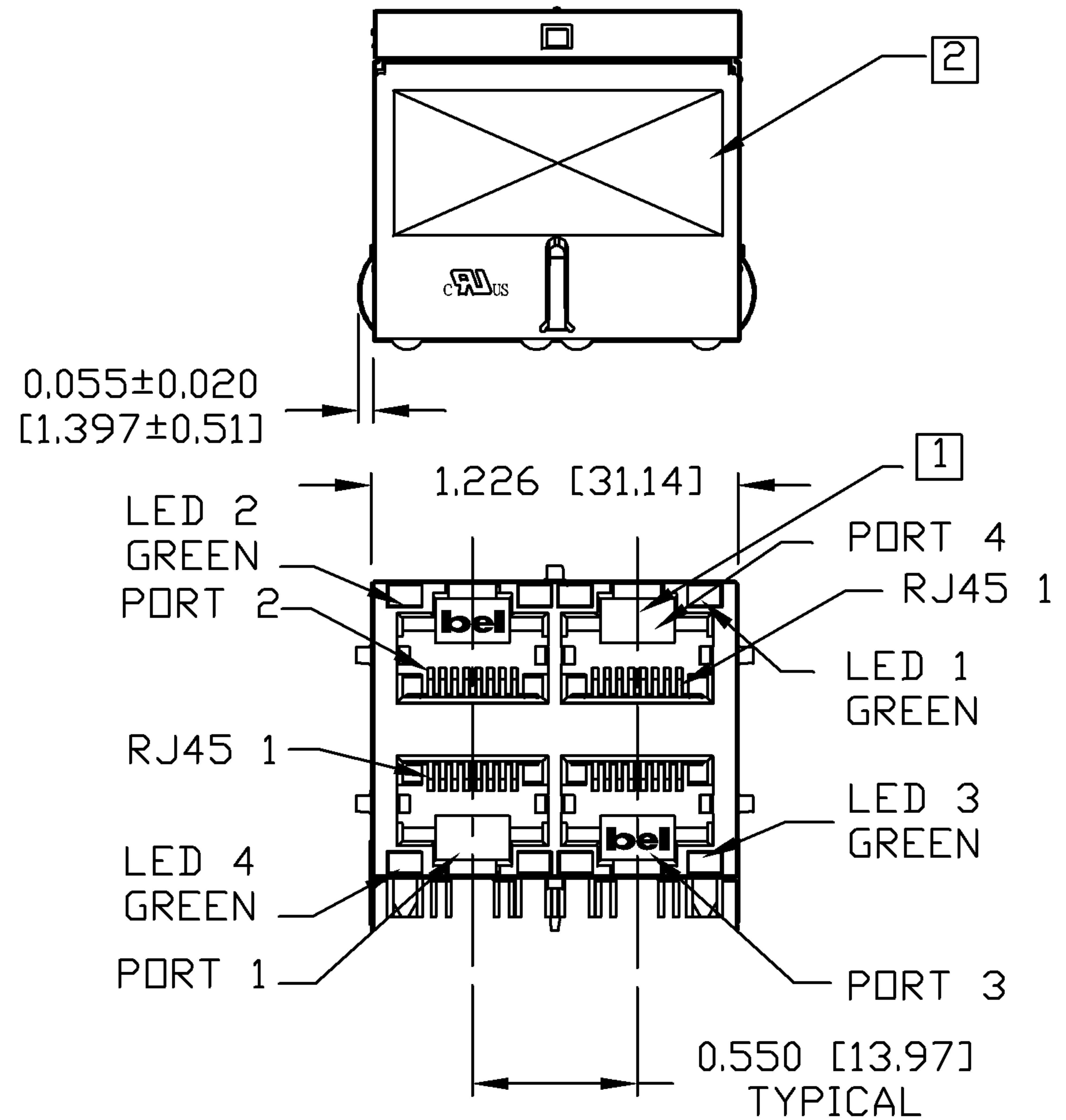
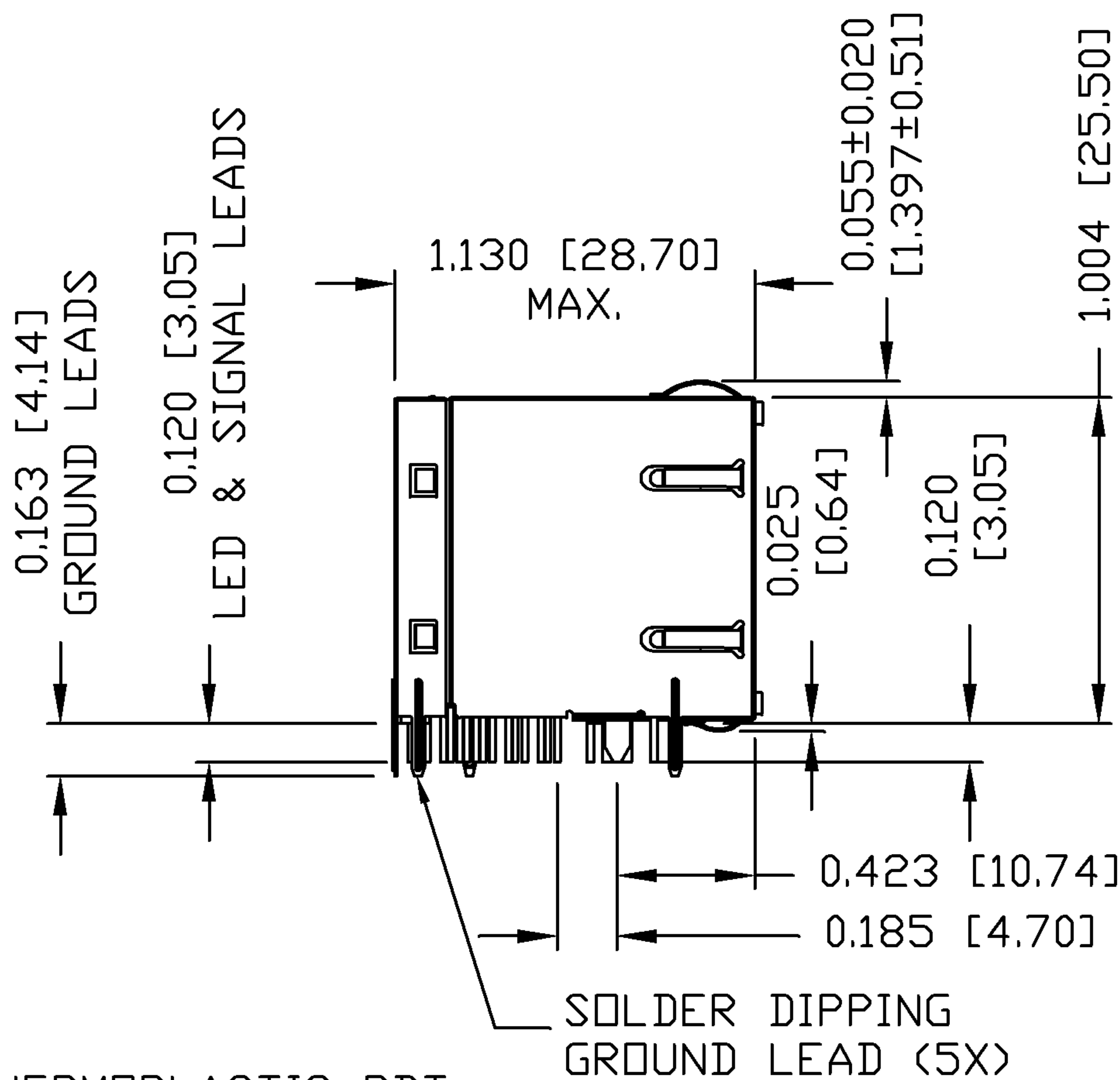
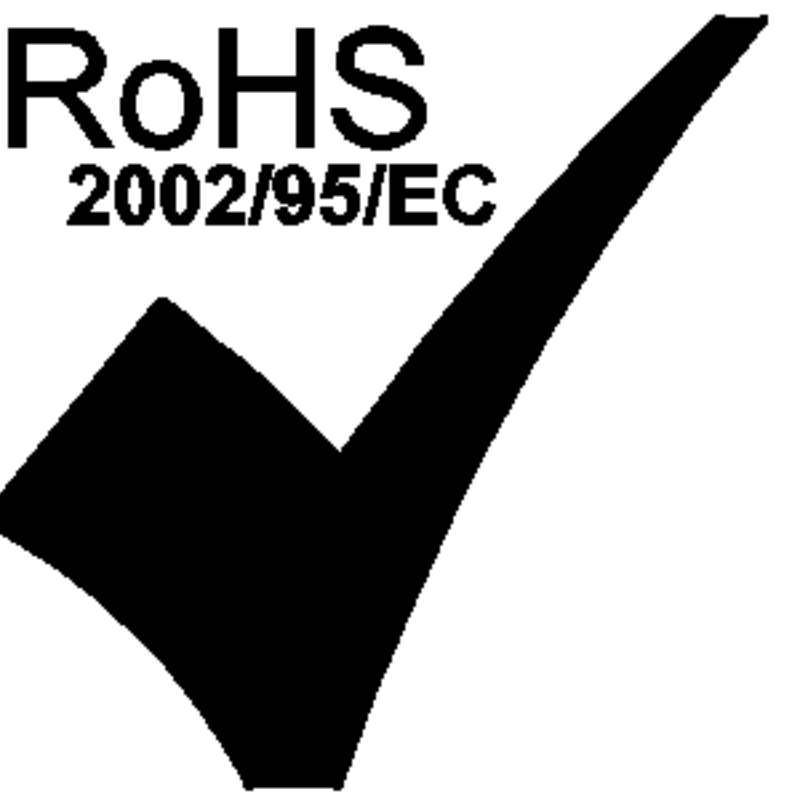


ORIGINATED BY CHOW WANCHUNG	DATE 11-29-08	TITLE 2X2 gigabit MagJack® WITH UPPER AND LOWER LED (8 Cores, Extend Temp.)	PART NO. / DRAWING NO. 0879-2G2R-DA	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY WEIDE LEE	DATE 11-29-08		FILE NAME 0879-2G2R-DA_PB.DWG	.X	UNIT : INCH [mm]	REV. : PB	
				.XX	SCALE : N/A	SIZE : A4	
				.XXX		PAGE : 2	

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PRELIMINARY

RoHS
2002/95/EC



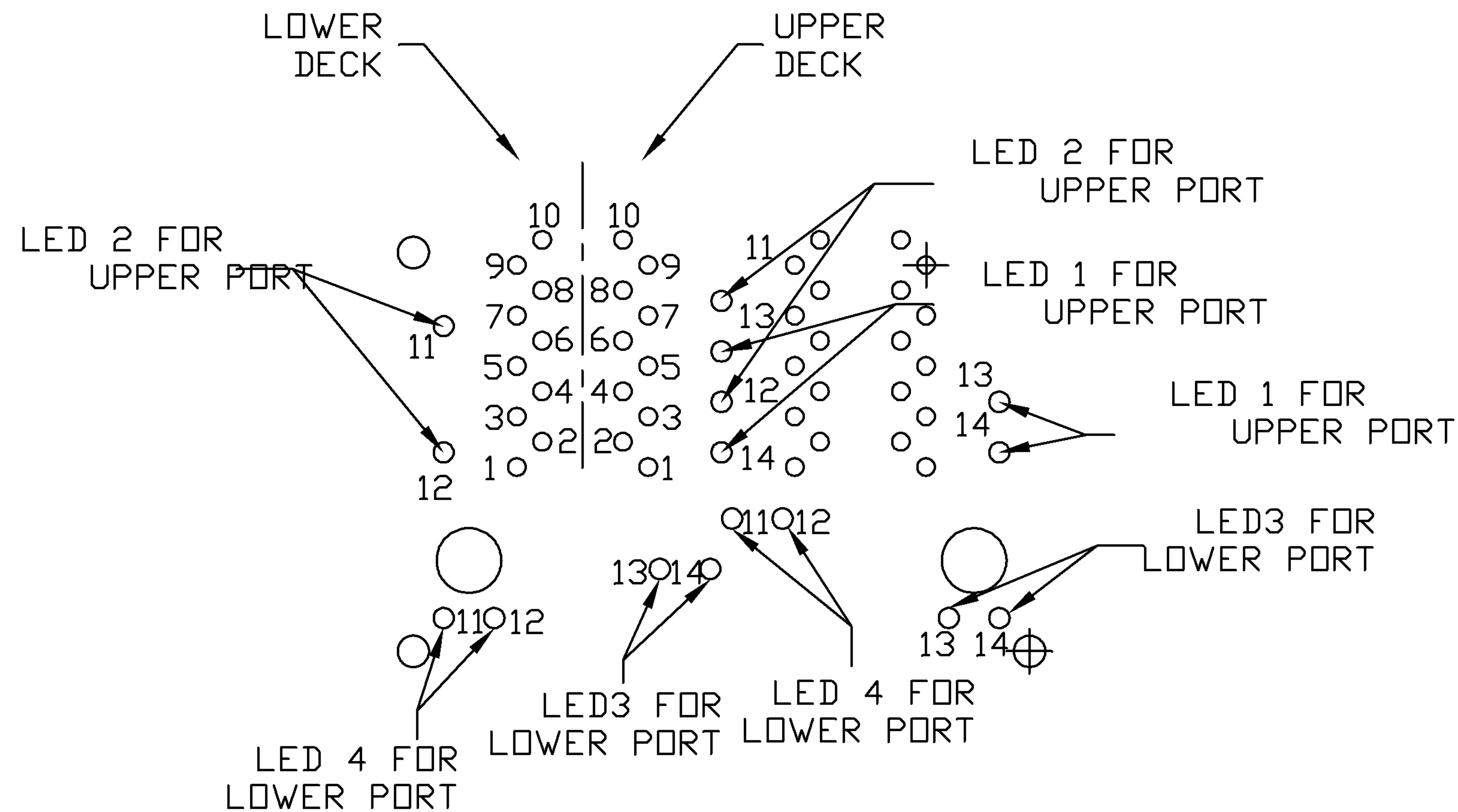
NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING
OUTPUT 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, AND DATE CODE.
3. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

 UL RECOGNIZED - FILE #E196366 AND E169987.

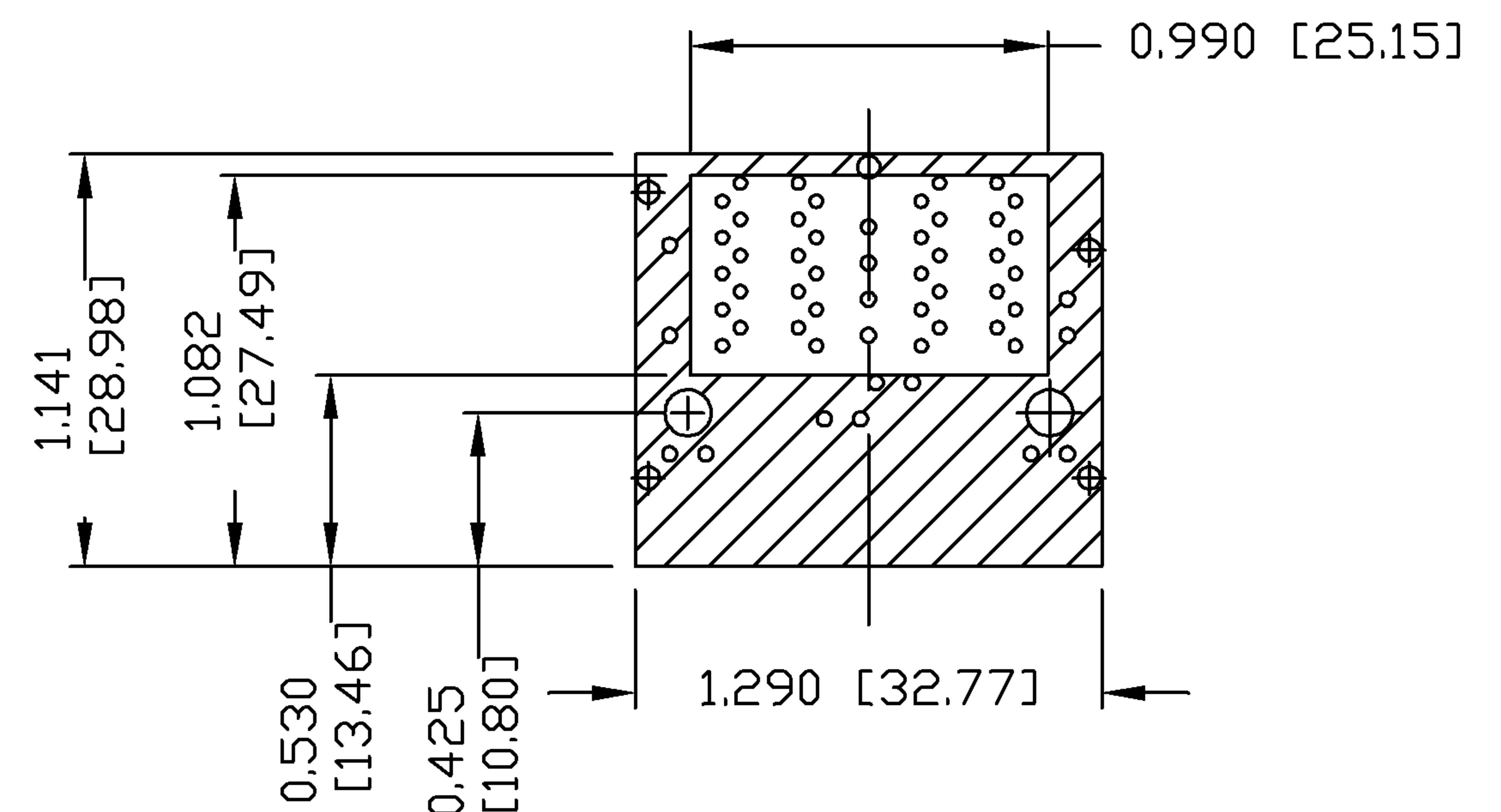
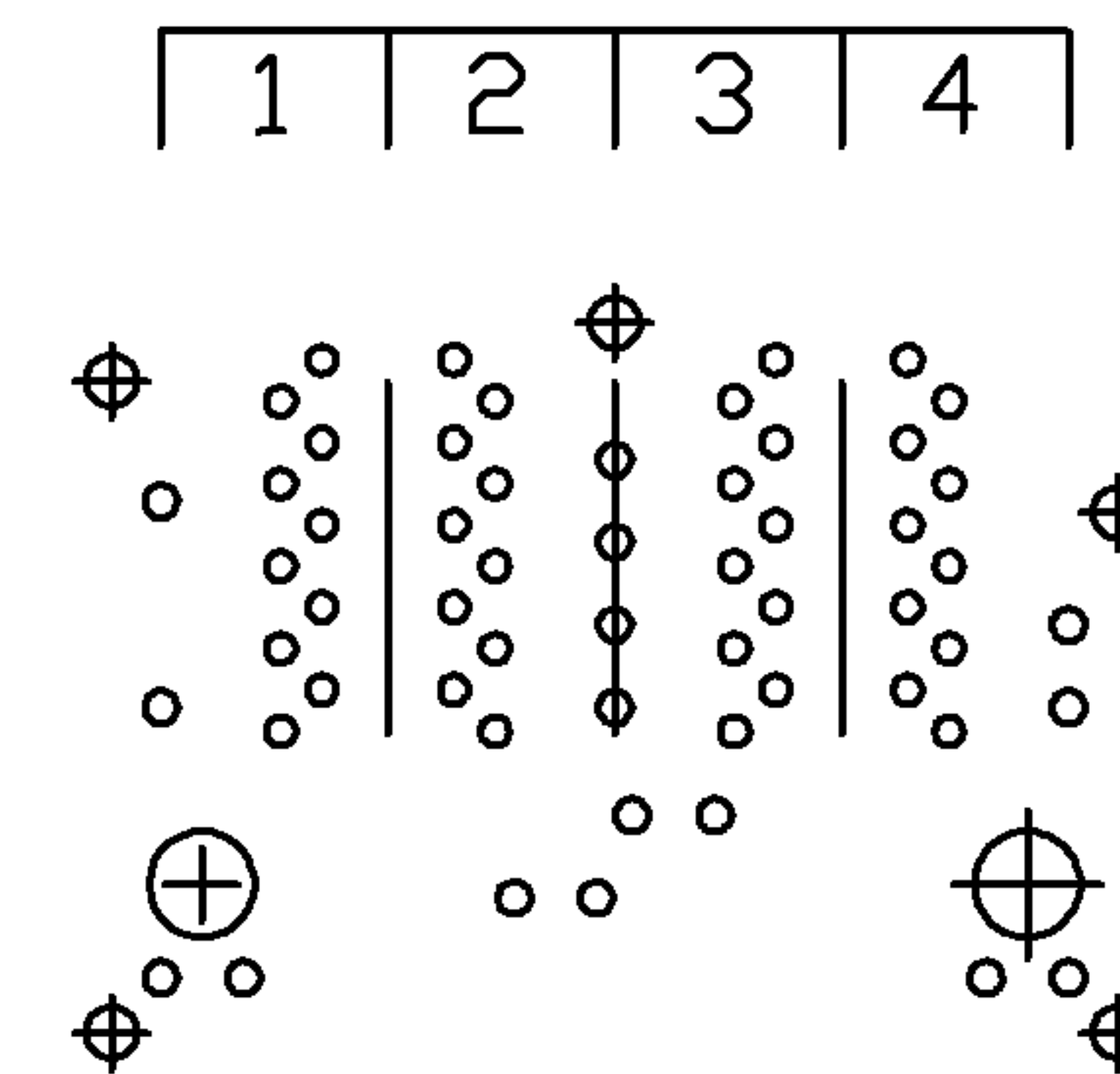
ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.		STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DAVID CAO		11-29-08		0879-2G2R-DA		TOL. IN INCH		UNIT : INCH [mm] REV. : PB		
DRAWN BY		DATE		FILE NAME		.X		SCALE : N/A SIZE : A4		
LU XUEPING		11-29-08		0879-2G2R-DA_PB.DWG		.XX		PAGE : 3		
					.XXX		±0.010			



PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

10	GND
9	TRCT1/2/3/4
8	TRD 4+
7	TRD 4-
6	TRD 3+
5	TRD 3-
4	TRD 2+
3	TRD 2-
2	TRD 1+
1	TRD 1-

PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



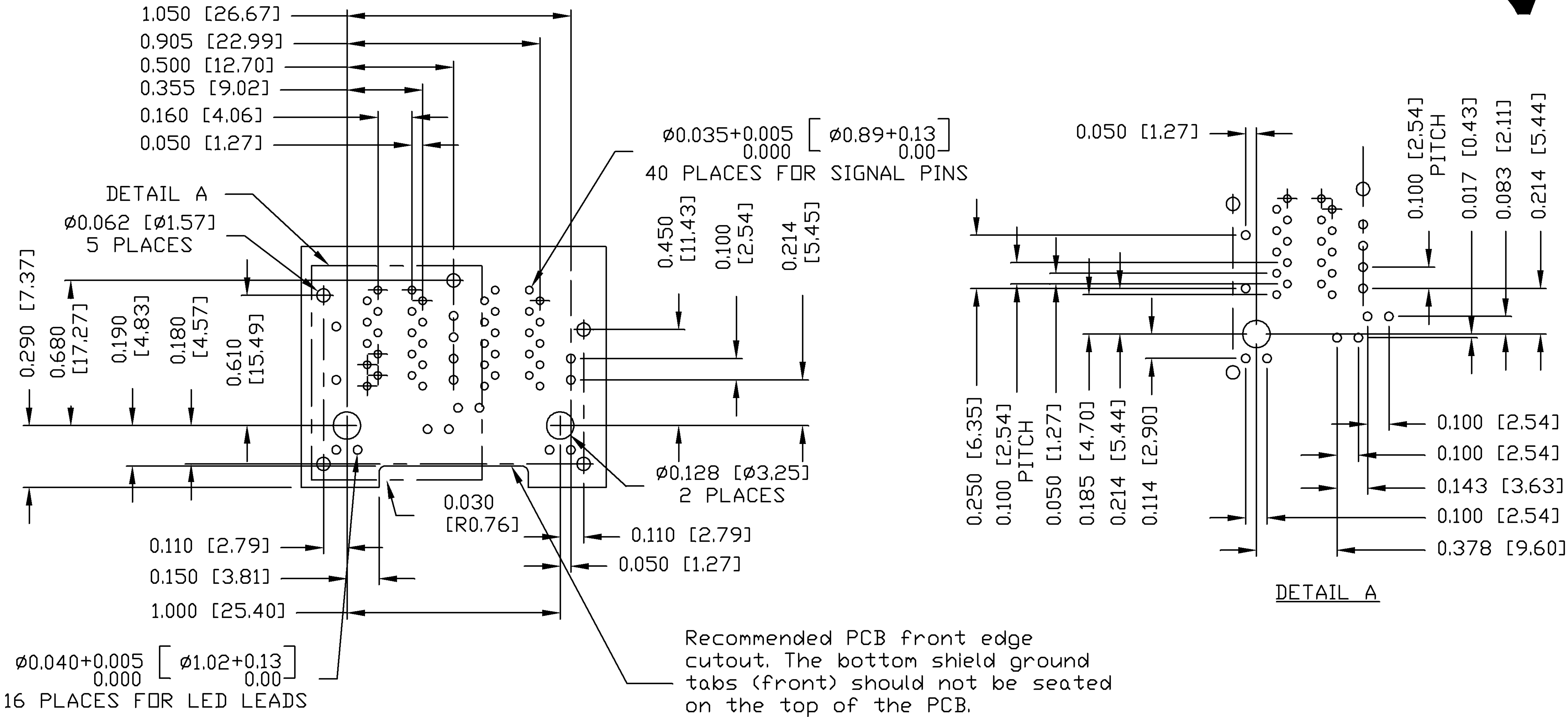
THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

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DRAWN BY LU XUEPING	DATE 11-29-08		FILE NAME 0879-2G2R-DA_PB.DWG	.X		UNIT : INCH [mm]			REV. : PB
				.XX		SCALE : N/A			SIZE : A4
				.XXX	±0.004				PAGE : 4

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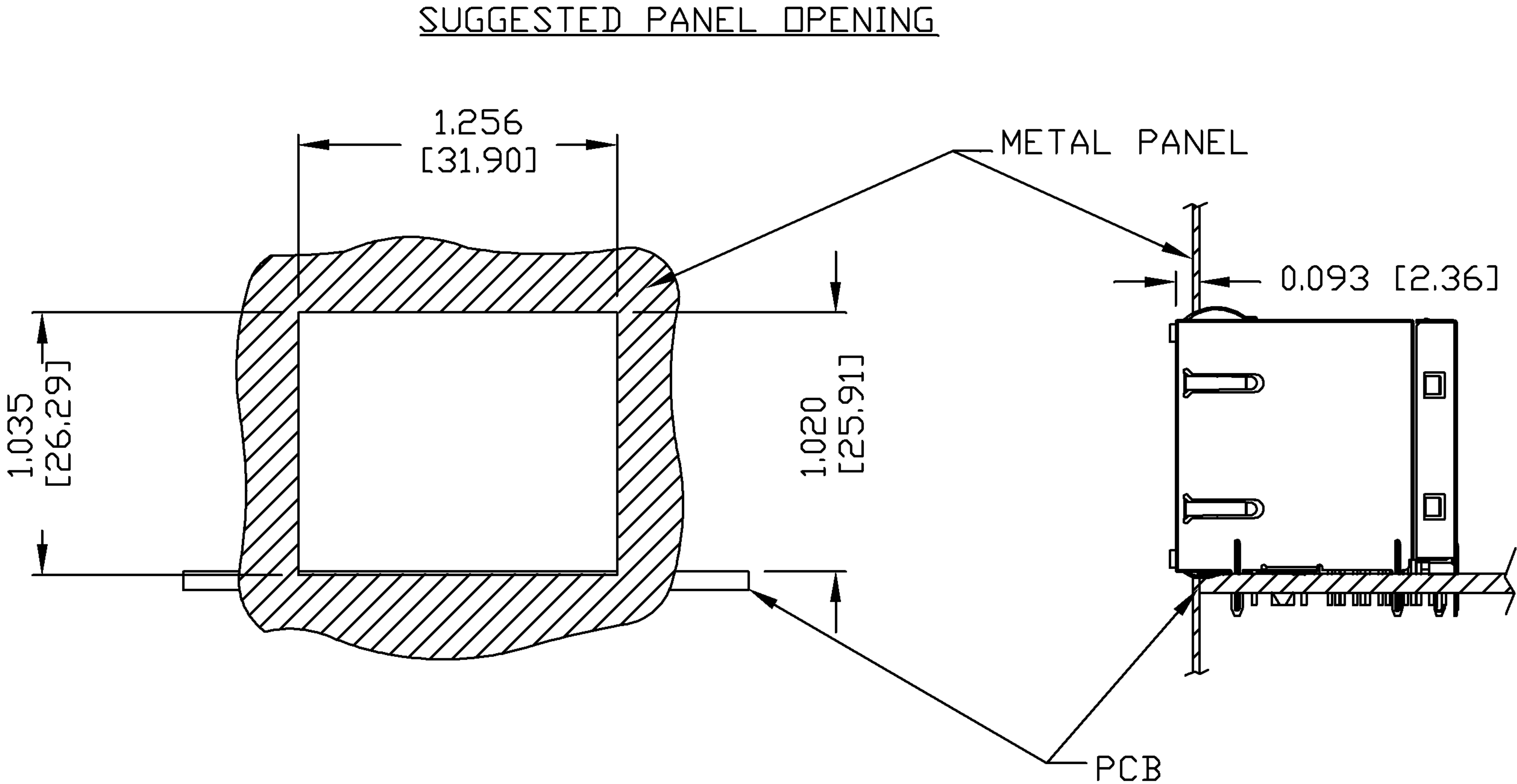
SUGGESTED FOOTPRINT

(COMPONENT SIDE VIEW)

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DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
LU XUEPING	11-29-08		0879-2G2R-DA_PB.DWG	.XX		±0.004		
			.XXX					

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PRELIMINARY



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-P5 (TOP)
 0200-9999-P6 (BOTTOM)
PACKING QUANTITY : 28 PCS FINISHED GOODS PER TRAY
 7 TRAYS (196 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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DRAWN BY LU XUEPING	DATE 11-29-08		FILE NAME 0879-2G2R-DA_PB.DWG	.XX		SCALE : N/A	SIZE : A4	
				.XXX	±0.004		PAGE : 6	