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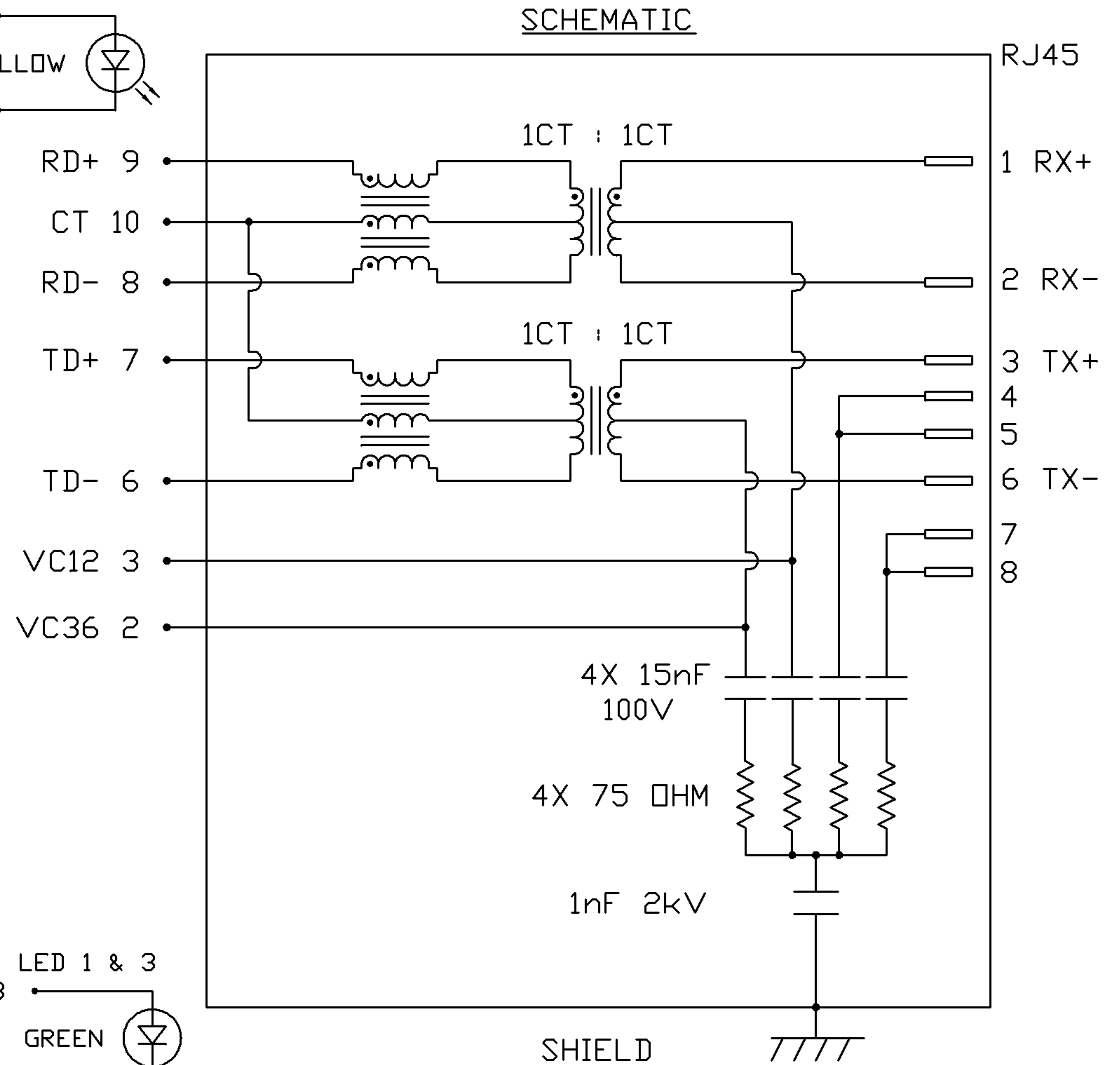
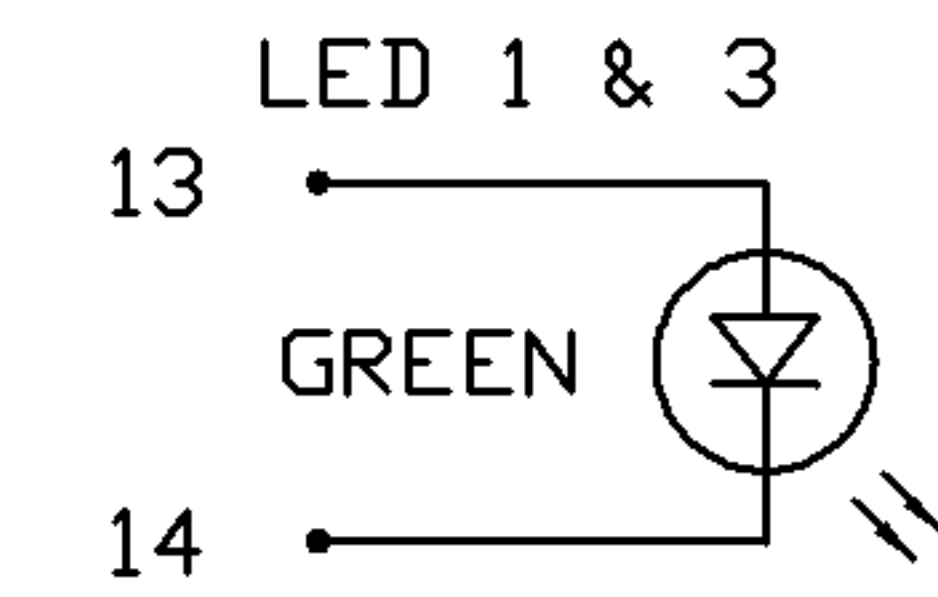
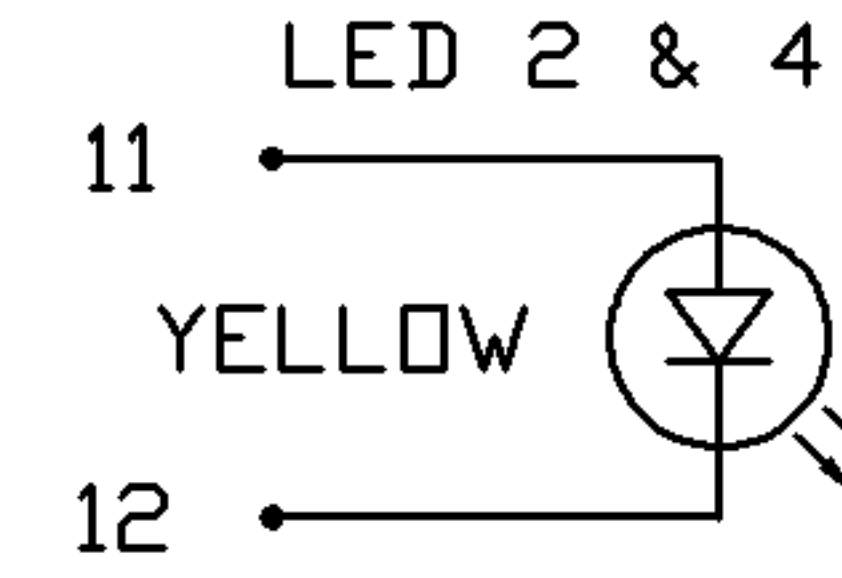
LED 2 & 4 POLARITY			LED 1 & 3 POLARITY		
PIN 11	PIN 12	COLOR	PIN 13	PIN 14	COLOR
+	-	YELLOW	+	-	GREEN

PRELIMINARY



ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO □CL @ 0.1V, 100KHz 8mA DC BIAS (0°C-70°C) INSERTION LOSS 100KHz TO 100MHz RETURN LOSS (MIN.) 2MHz-30MHz 60MHz-80MHz LEAKAGE INDUCTANCE PRIMARY W/ SECONDARY SHORTED D.C. RESISTANCE (9-8)=(7-6) (RJ1-RJ2)=(RJ3-RJ6) INTERWINDING CAPACITANCE PER CHANNEL (PRI. to SEC.) XTALK 100KHz TO 100MHz HIPOT (Isolation Voltage): 100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS BALANCED DC LINE CURRENT 350 mA MAX. @ 57 VDC CONTINUOUS 500 mA MAX. @ 57 VDC FOR 200 MILLISECONDS LED 2 & 4 VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1V TYP. λD (DOMINANT WAVELENGTH) IF=20mA YELLOW 590nm TYP. LED 1 & 3 VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP. λD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.	1CT : 1CT ±2% 350µH MIN. -1.5 dB MAX. -16 dB MIN. -10 dB MIN. 0.25µH MAX. @ 1MHz 1.4 OHM . 1.0 OHM . 40 pF MAX. -30 dB MIN. 2250 VDC 2X8 MagJack® WITH UPPER AND LOWER LED (VOIP)
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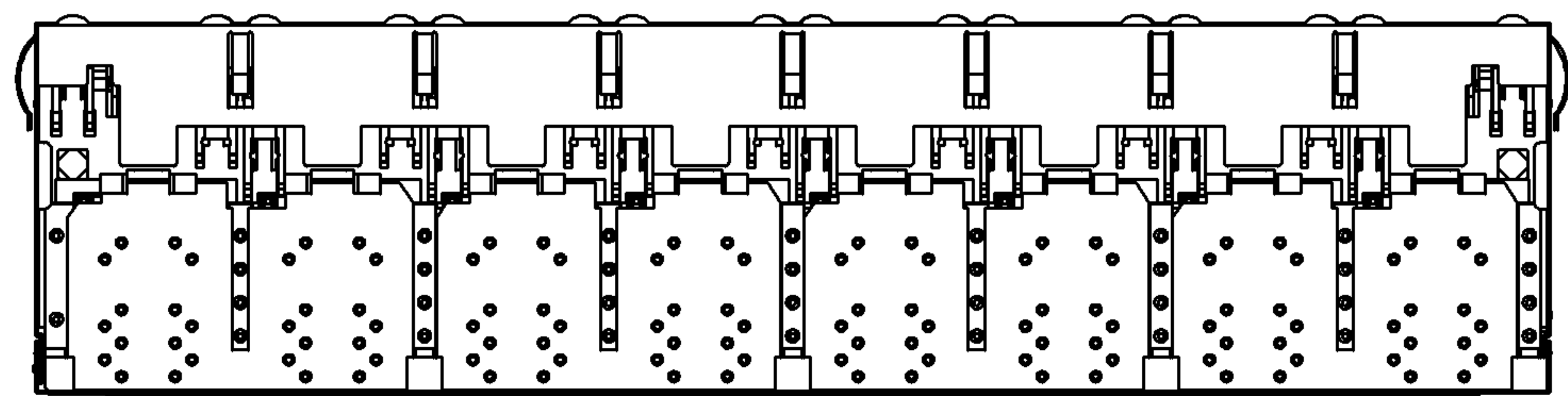
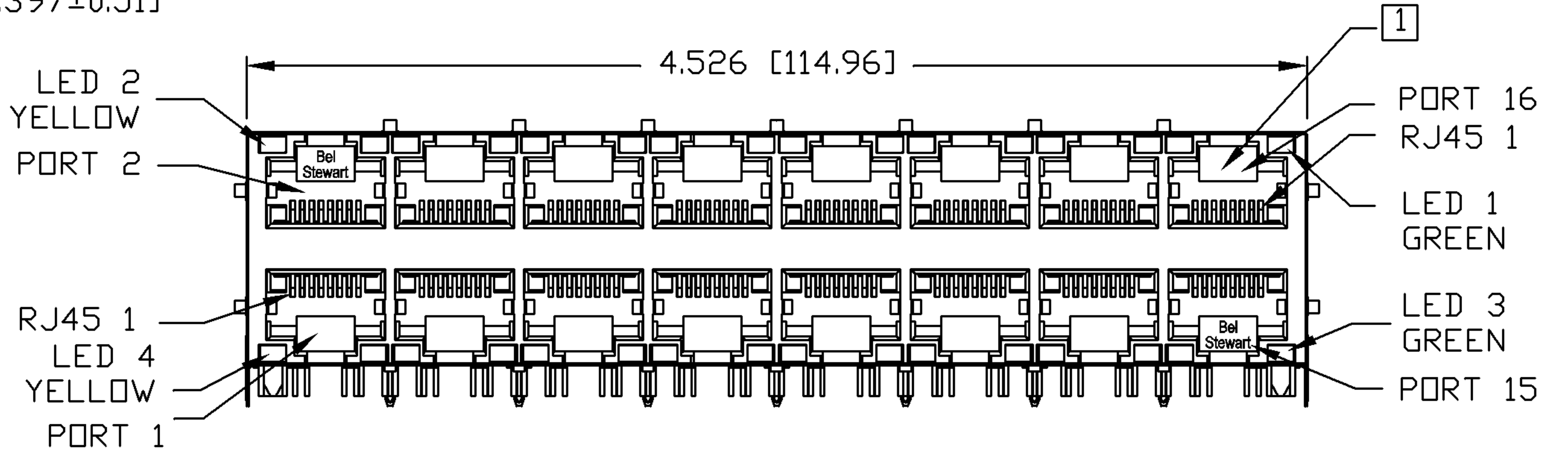
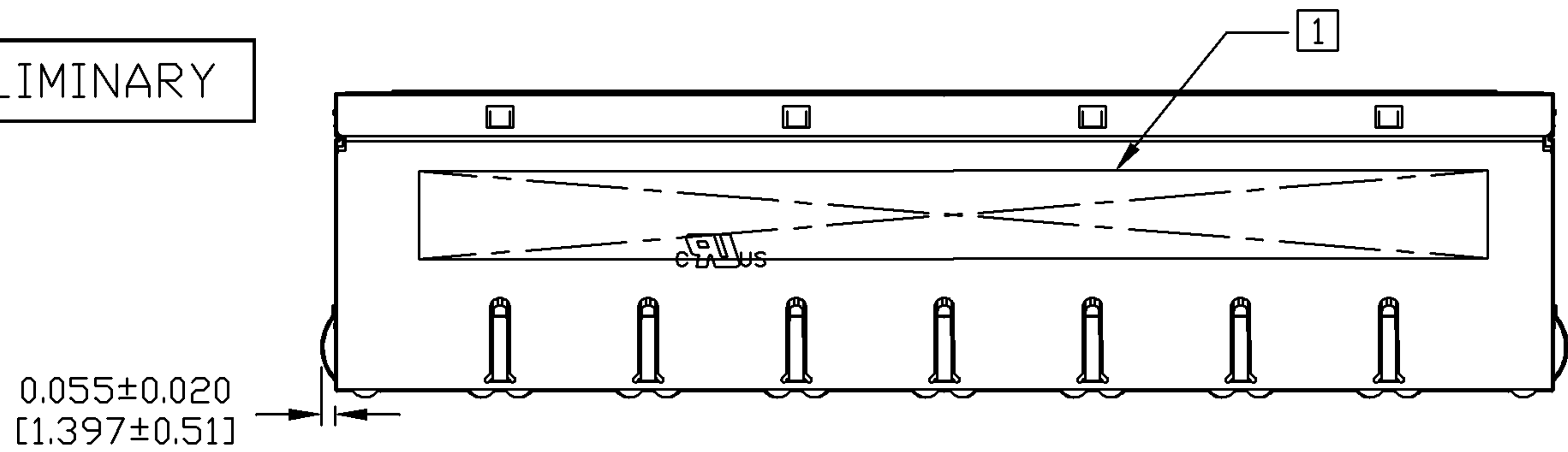
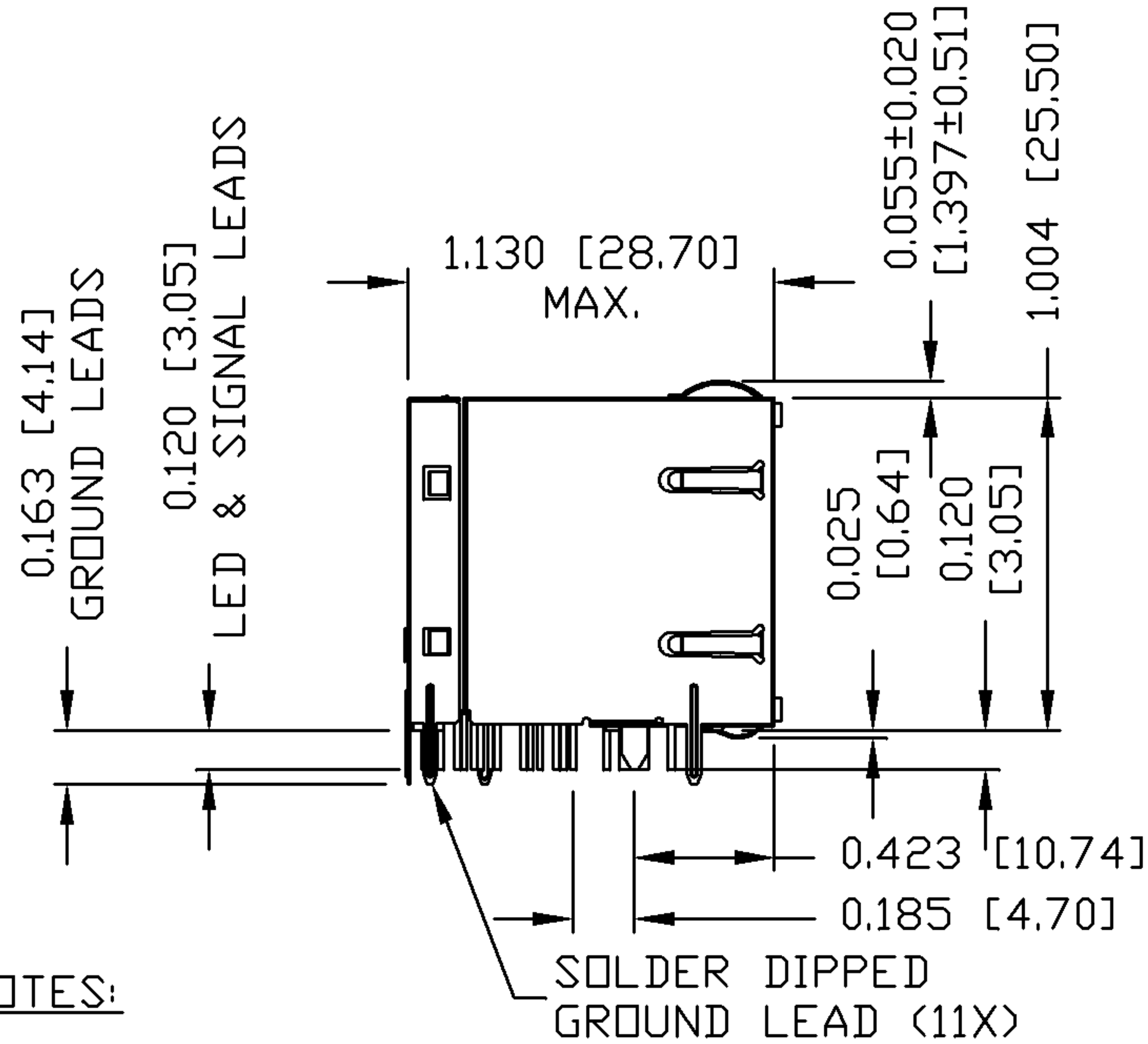


ORIGINATED BY CHOW WANCHUNG	DATE 12-01-08	TITLE 2X8 MagJack® WITH UPPER AND LOWER LED (VOIP)	PART NO. / DRAWING NO. 0879-2D8R-55	STANDARD DIM. TOL. IN INCH .X .XX .XXX	[] METRIC DIM. AS REFERENCE UNIT : INCH [mm] SCALE : N/A REV. : PC SIZE : A4 PAGE : 2	
DRAWN BY LEE WEIDE	DATE 12-01-08	FILE NAME 0879-2D8R-55_PC.DWG				

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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.
c USUL RECOGNIZED - FILE #E196366 AND E169987.

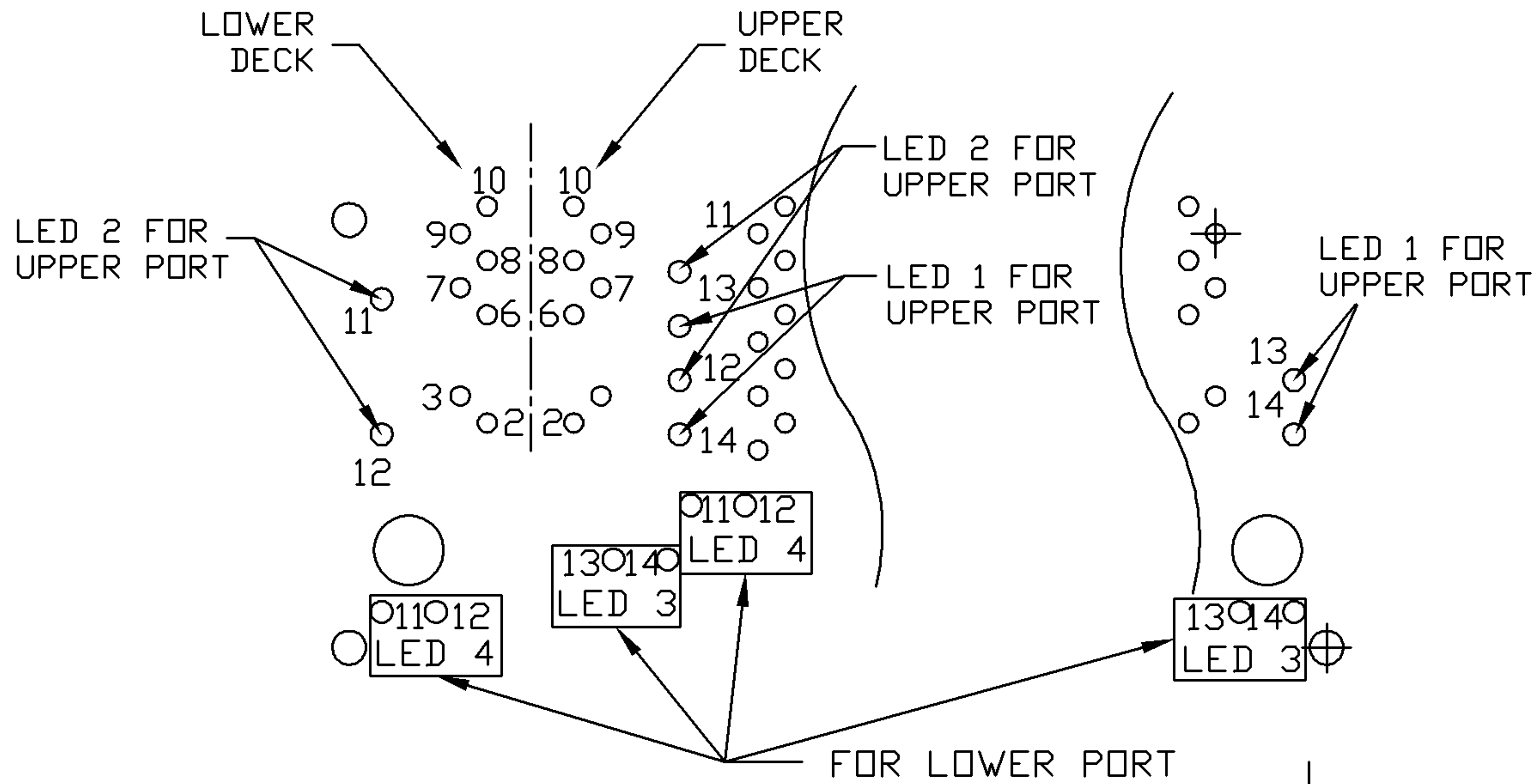
ORIGINATED BY ANTON LIAO	DATE 12-01-08	TITLE 2X8 MagJack® WITH UPPER AND LOWER LED (VOIP)	PART NO. / DRAWING NO. 0879-2D8R-55	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
DRAWN BY SANDY LIN	DATE 12-01-08		FILE NAME 0879-2D8R-55_PC.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A	REV. : PC SIZE : A4
				±0.010		PAGE : 3



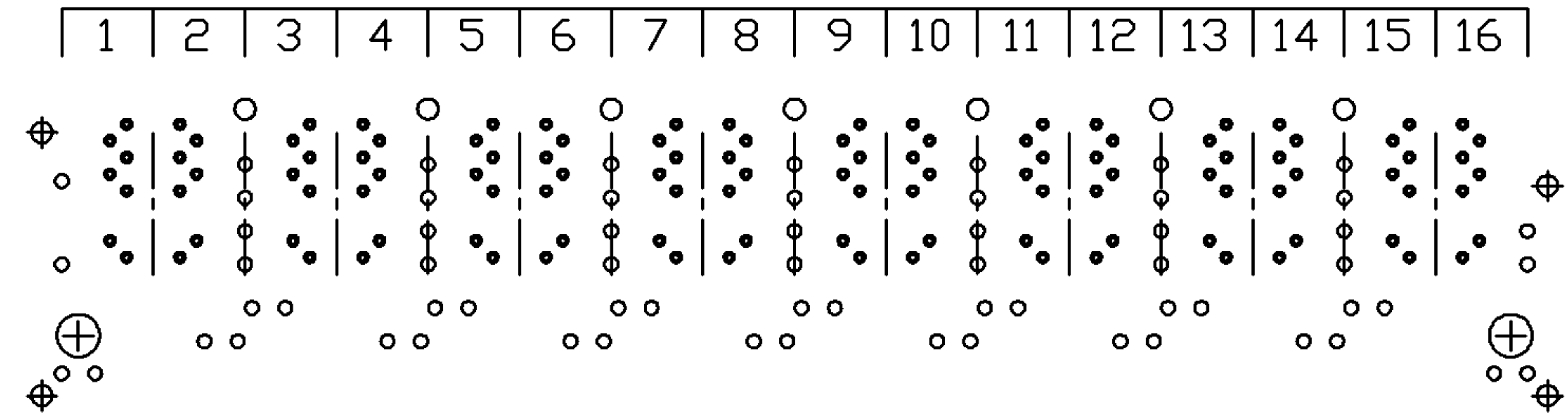
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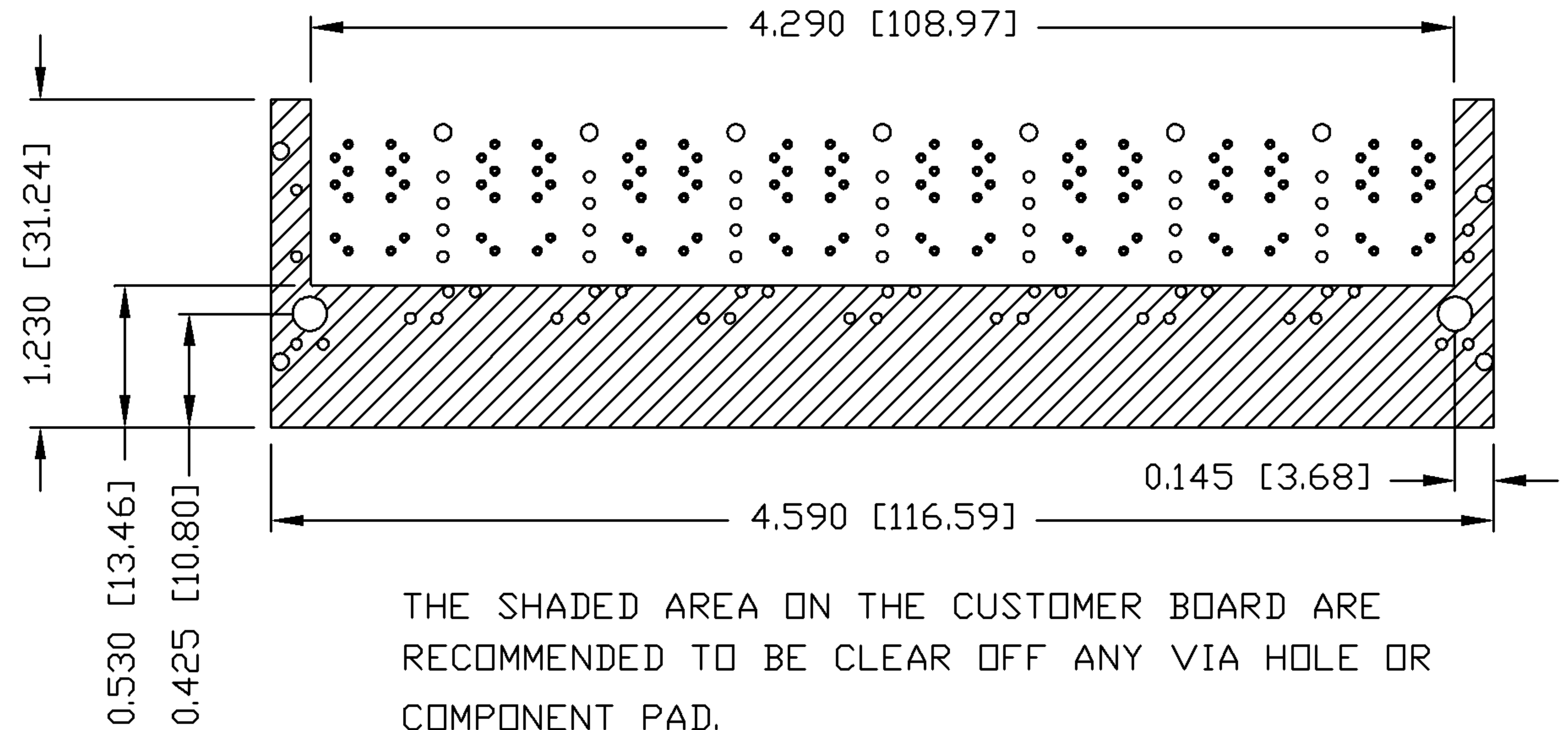
PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

10	COMMON CT		
9	RD+		
8	RD-		
7	TD+		
6	TD-		
5	NO PIN		
4	NO PIN	14	GREEN -
3	VC12	13	GREEN +
2	VC36	12	YELLOW -
1	NO PIN	11	YELLOW +

UNUSED PIN LOCATIONS MUST BE REMOVED TO ENSURE 2KV ISOLATION.



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

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
ANTON LIAO	12-01-08	2X8 MagJack® WITH UPPER AND LOWER LED (VOIP)	0879-2D8R-55	.X	UNIT : INCH [mm] REV. : PC
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
SANDY LIN	12-01-08		0879-2D8R-55_PC.DWG	.XXX ±0.004	PAGE : 4

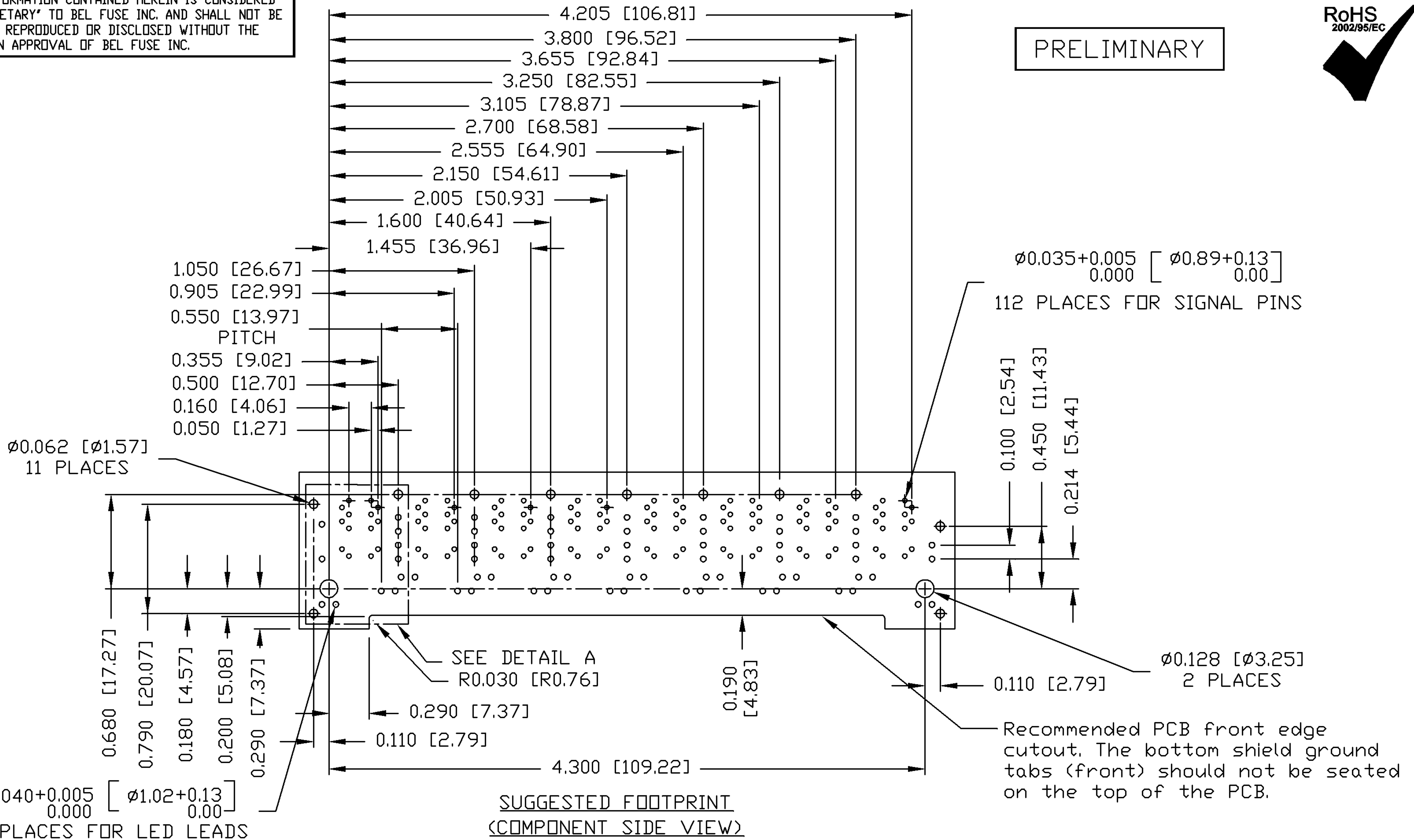


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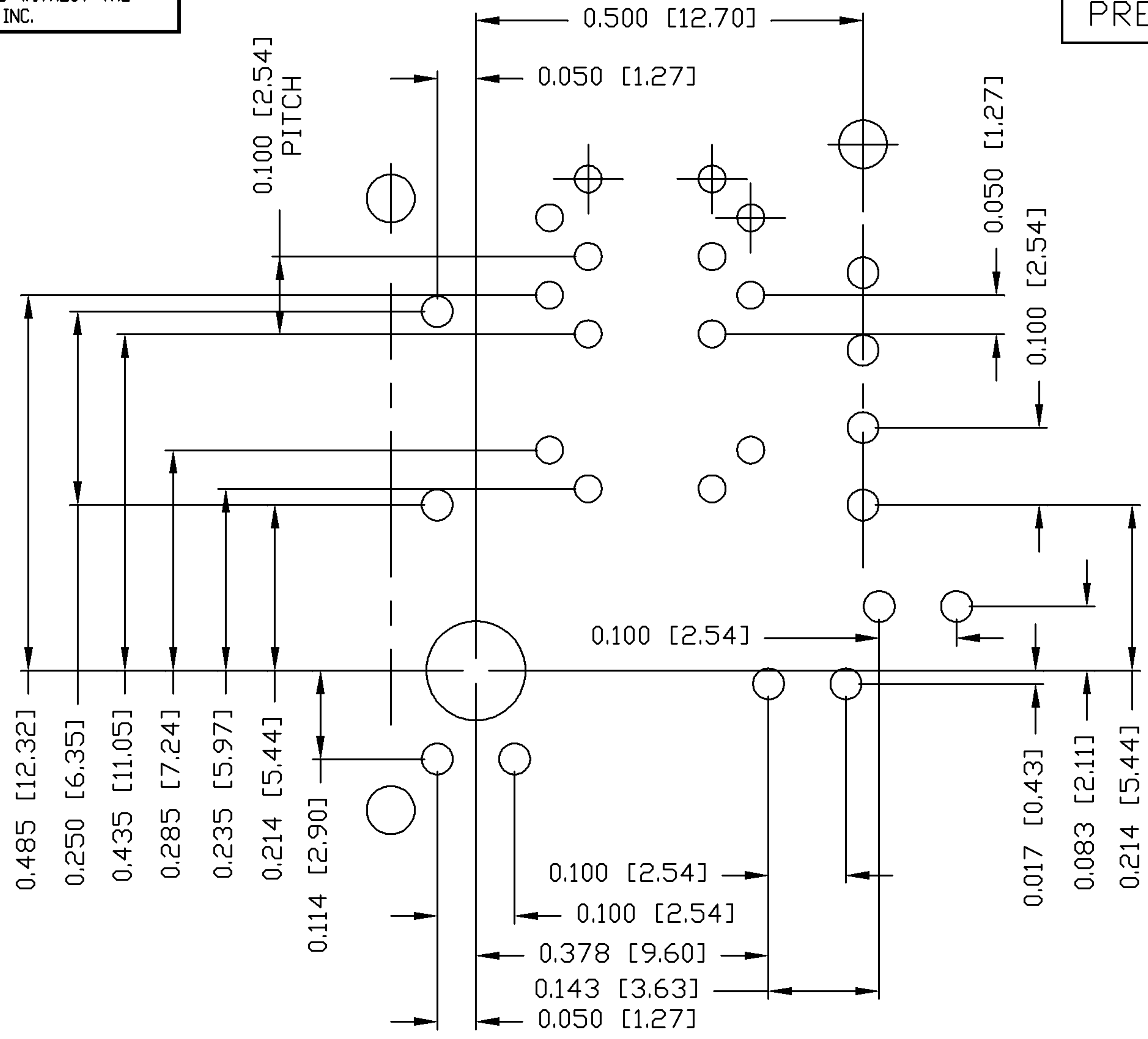
SUGGESTED FOOTPRINT
(COMPONENT SIDE VIEW)

ORIGINATED BY ANTON LIAO	DATE 12-01-08	TITLE 2X8 MagJack® WITH UPPER AND LOWER LED (VDIP)	PART NO. / DRAWING NO. 0879-2D8R-55	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY SANDY LIN	DATE 12-01-08		FILE NAME 0879-2D8R-55_PC.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A	
				±0.004		

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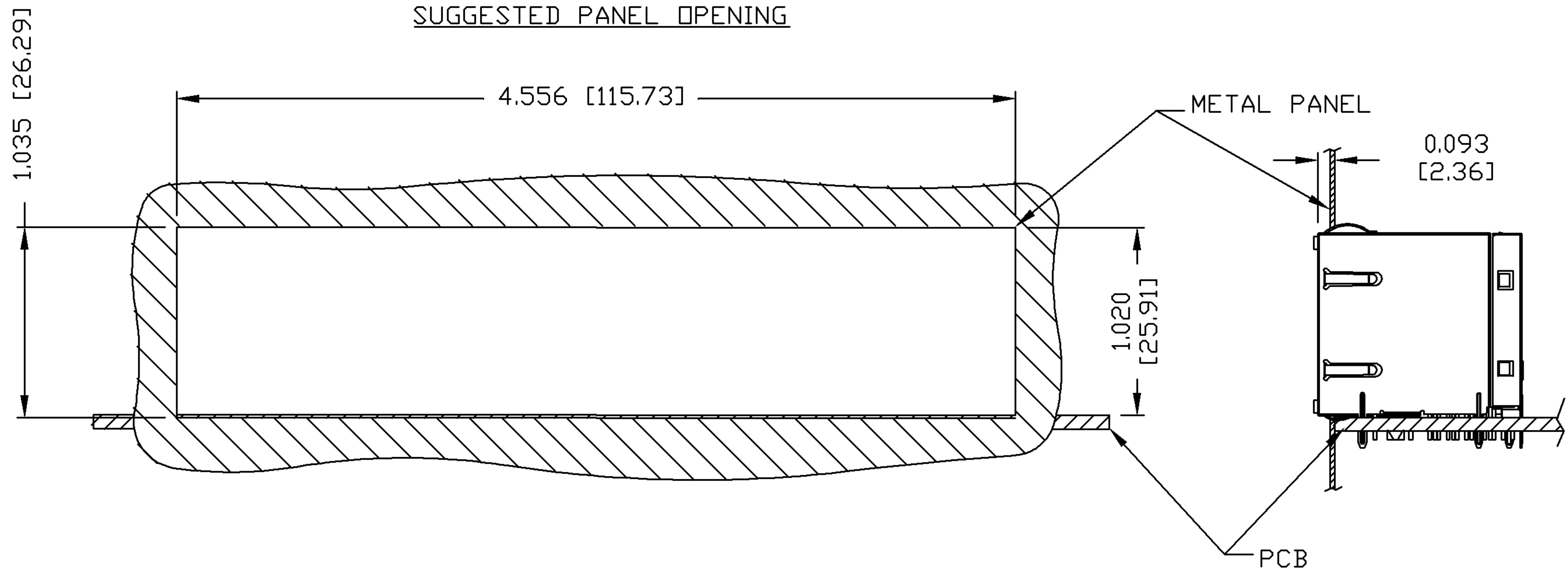
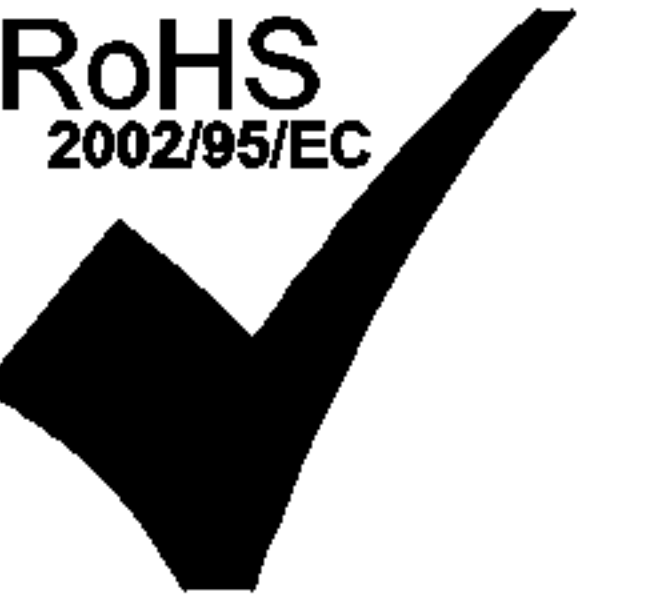


DETAIL A

ORIGINATED BY ANTON LIAO	DATE 12-01-08	TITLE 2X8 MagJack® WITH UPPER AND LOWER LED (VOIP)	PART NO. / DRAWING NO. 0879-2D8R-55	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
DRAWN BY SANDY LIN	DATE 12-01-08		FILE NAME 0879-2D8R-55_PC.DWG	.X .XX .XXX	UNIT : INCH [mm]	REV. : PC
				±0.004	SCALE : N/A	SIZE : A4
					PAGE : 6	COMPONENTS FOR A CONNECTED PLANET

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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 : 0200M9999-E2 (TOP)
 0200M9999-E3 (BOTTOM)
 PACKING QUANTITY : 10 PCS FINISHED GOODS PER TRAY
 7 TRAYS (70 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
ANTON LIAO	12-01-08	2X8 MagJack® WITH UPPER AND LOWER LED (VOIP)	0879-2D8R-55	.X	UNIT : INCH [mm] REV. : PC
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
SANDY LIN	12-01-08		0879-2D8R-55_PC.DWG	.XXX ±0.004	⊕ --- PAGE : 7

