



ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO

TP1	1CT : 1CT $\pm 2\%$
TP2	1CT : 1CT $\pm 2\%$
TP3	1CT : 1CT $\pm 2\%$
TP4	1CT : 1CT $\pm 2\%$

□CL @ 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)

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

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

CM TD DM REJ

100kHz - 100MHz -35 dB MIN

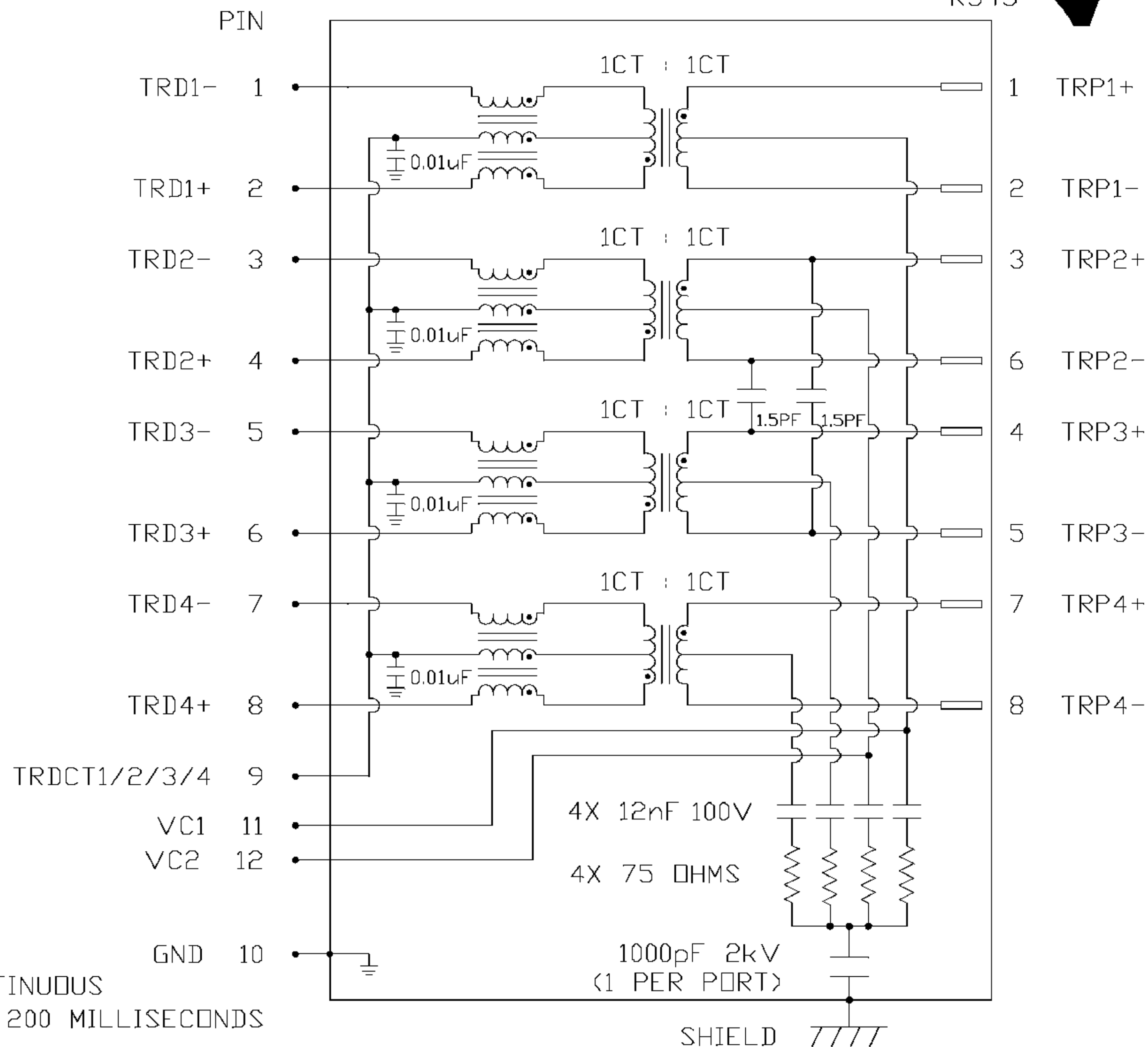
HIPOT (Isolation Voltage): 2250 VDC

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

SCHEMATIC

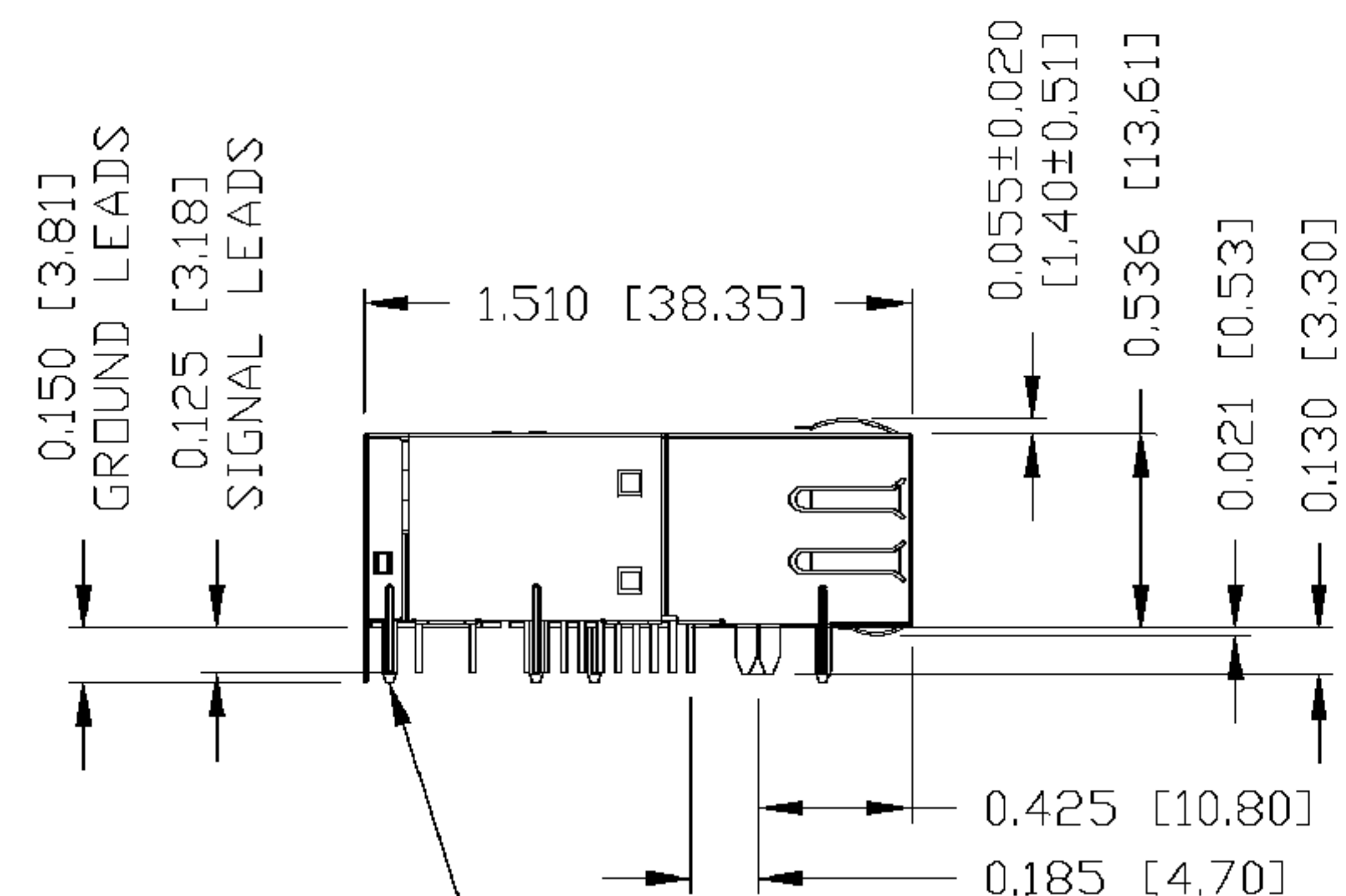
RJ45



ORIGINATED BY CHOW WC	DATE 11-15-07	TITLE 1X8 gigabit MagJack® (VOIP) 0874-1X8T-66-F	PART NO. / DRAWING NO. 08741X8T66-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 bel COMPONENTS FOR A CONNECTED PLANET
DRAWN BY LEE WEIDE	DATE 11-15-07		FILE NAME 08741X8T66-F_B.DWG	.X		UNIT : INCH [mm]	REV. : B	
				.XX		SCALE : N/A	SIZE : A4	
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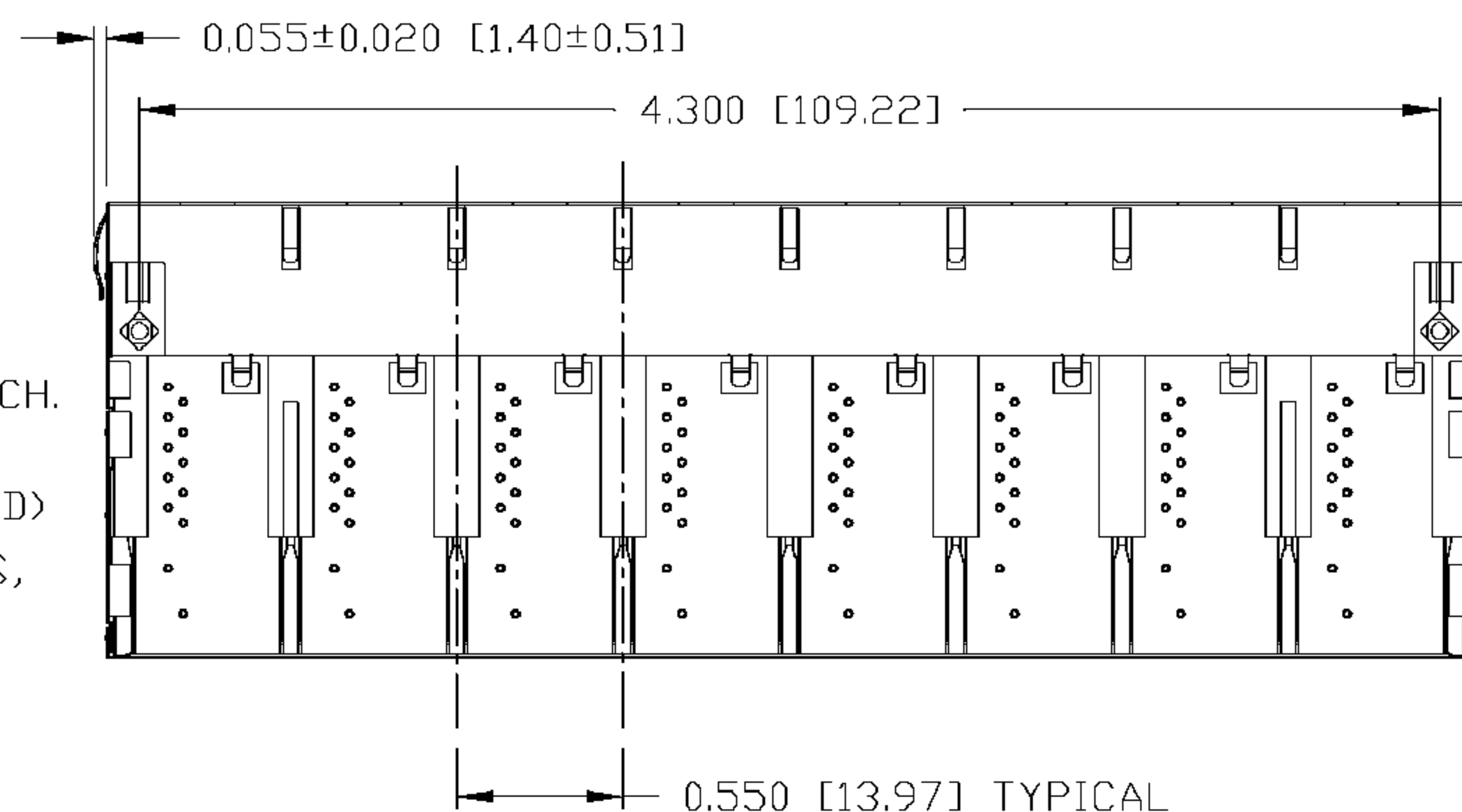
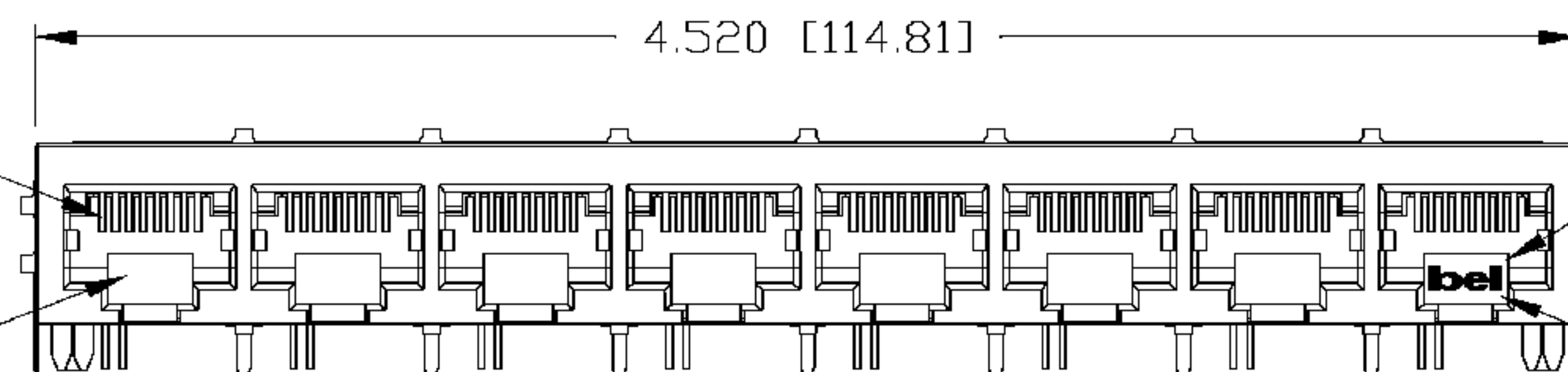
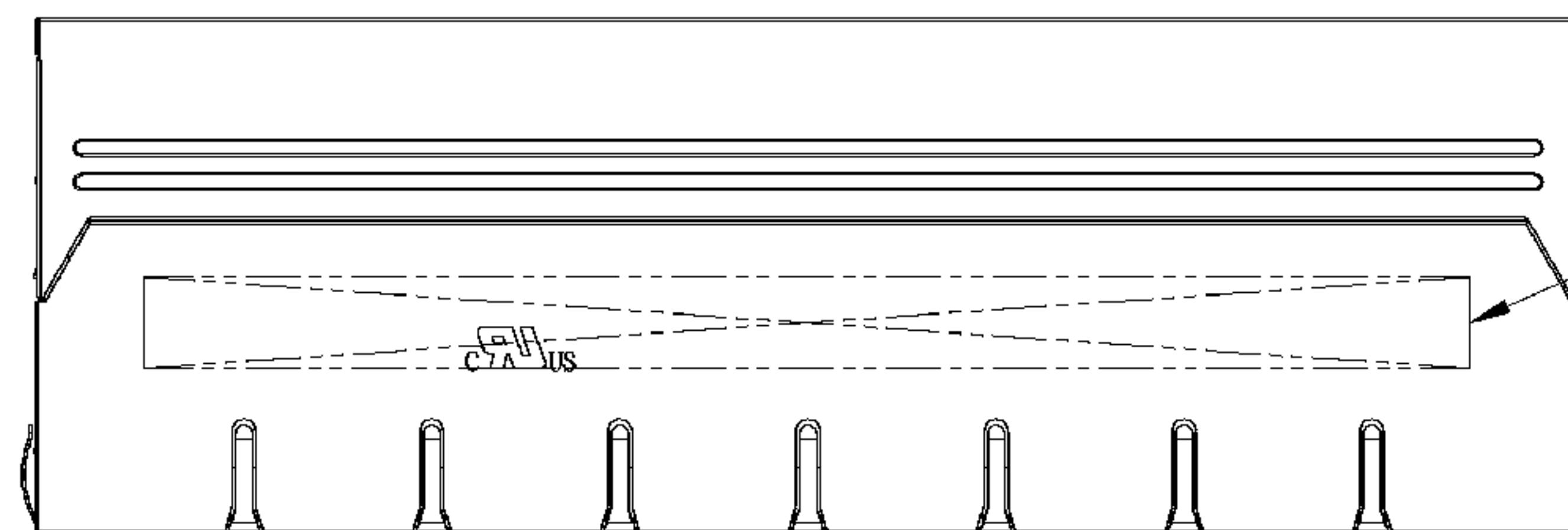
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RoHS
2002/95/EC



RJ45 1

PORT 1



NOTES:
PLASTIC HOUSING: THERMOPLASTIC PBT
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, PART NUMBER, DATE CODE
AND MFG NAME.

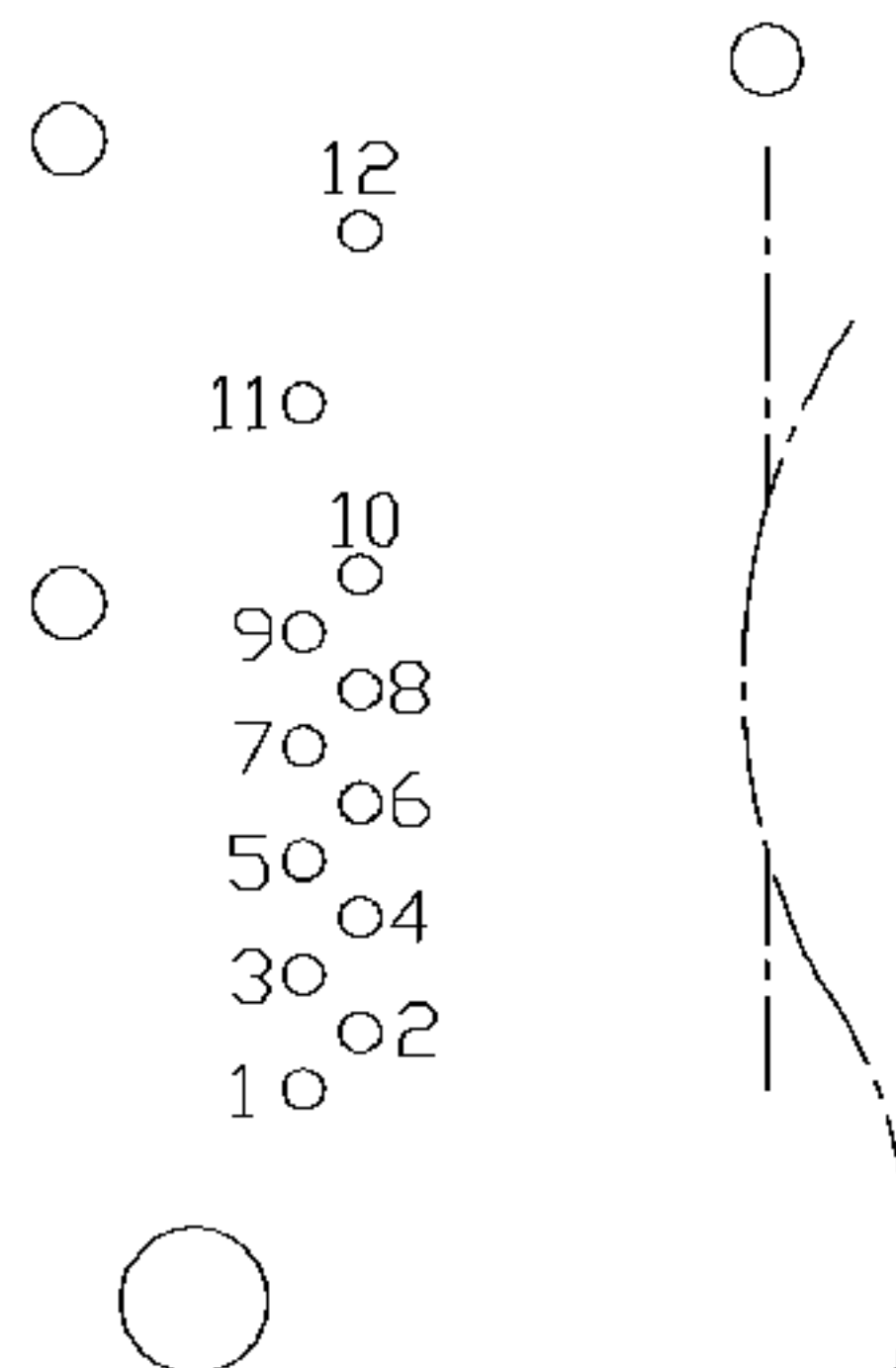
UL US UL RECOGNIZED - FILE #E196366 AND E169987.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE			
CHEN BILL	11-15-07			TOL. IN INCH		UNIT : INCH [mm]			REV. : B
DRAWN BY	DATE			FILE NAME		SCALE : N/A			SIZE : A4
LIU QIN	11-15-07			08741X8T66-F_B.DWG					PAGE : 3
		1X8 gigabit MagJack® (VQIP) 0874-1X8T-66-F		.X					
				.XX					
				.XXX	±0.010				

bel
COMPONENTS FOR A
CONNECTED
PLANET

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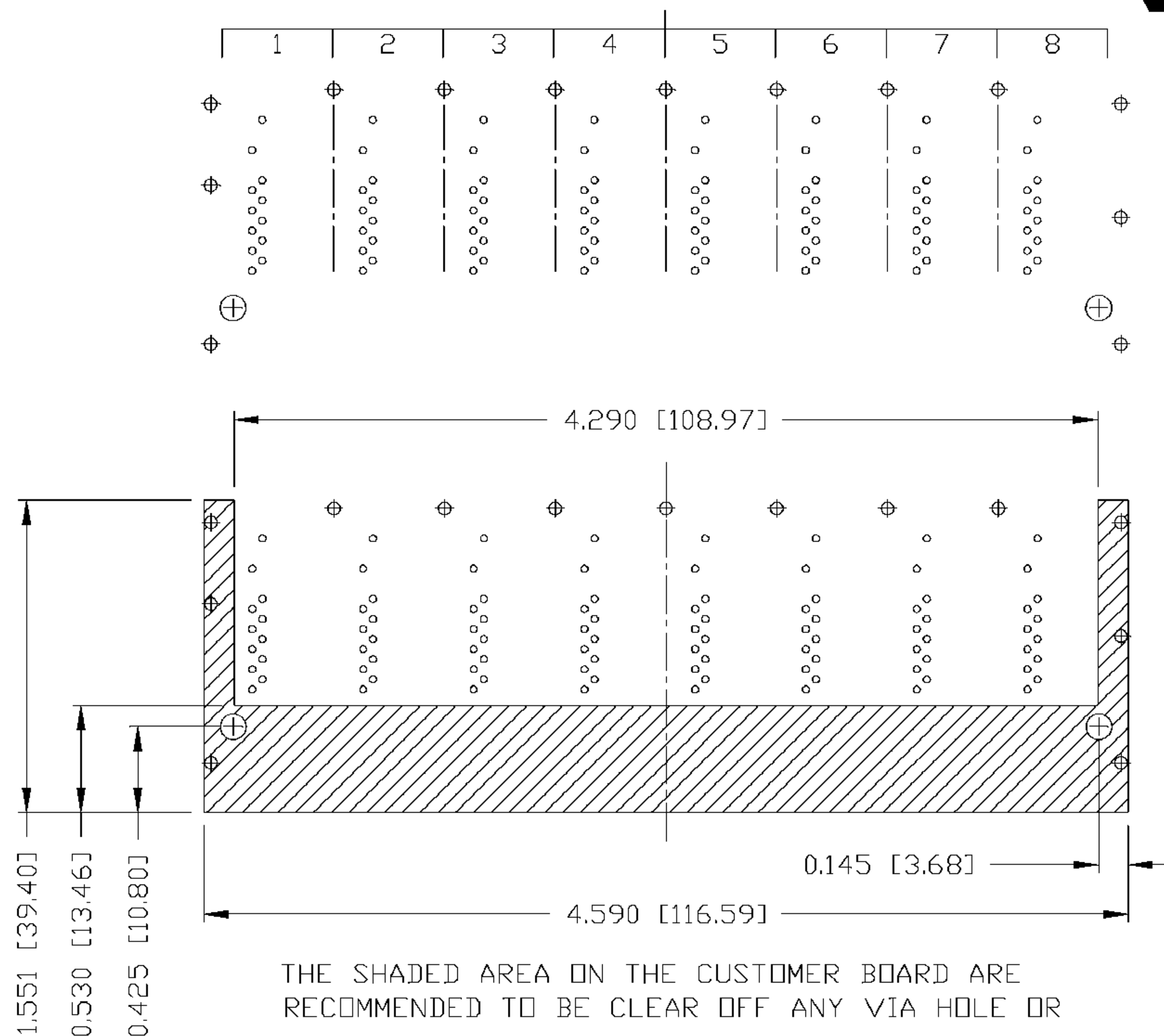
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PIN-OUT INFORMATION
 (COMPONENT SIDE VIEW)

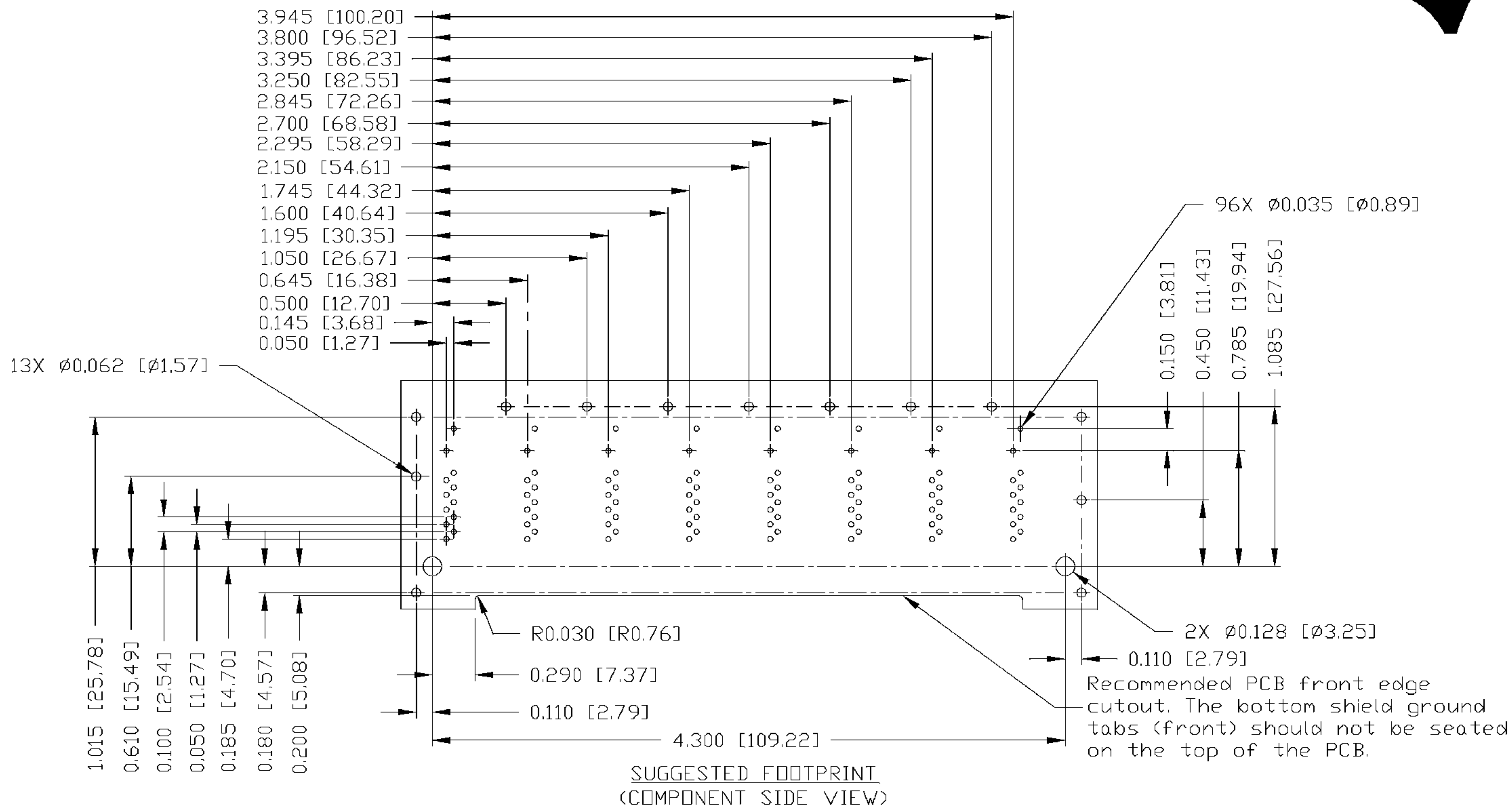
12	VC2
11	VC1
10	GND
9	TRCT1/2/3/4
8	TRD 4+
7	TRD 4-
6	TRD 3+
5	TRD 3-
4	TRD 2+
3	TRD 2-
2	TRD 1+
1	TRD 1-

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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					.XXX	±0.004		PAGE : 4	

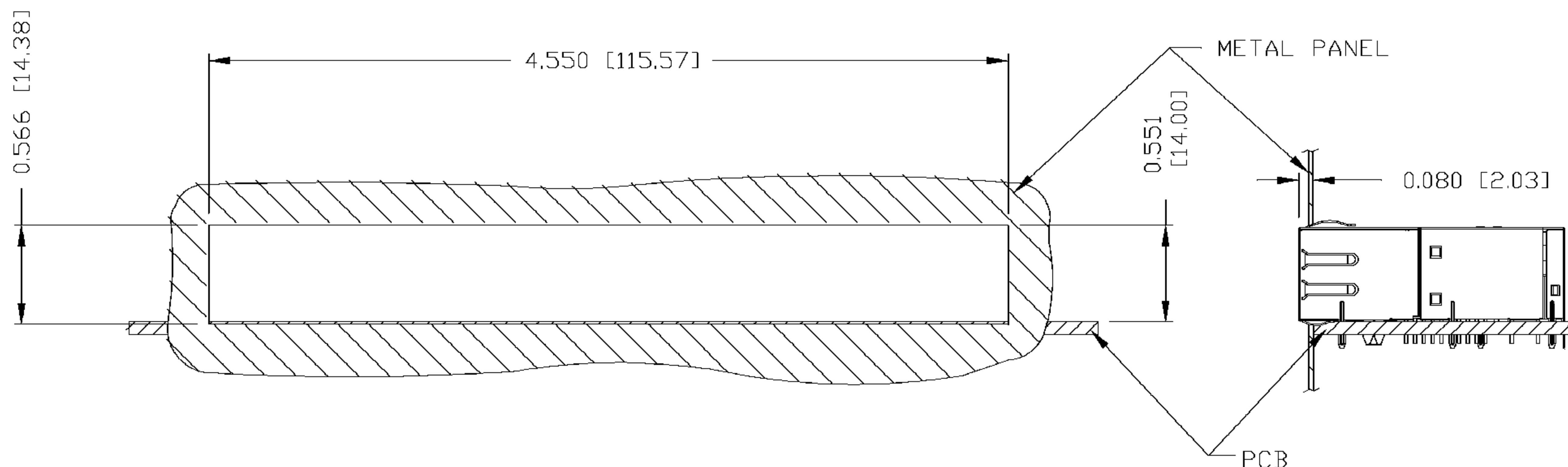


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SUGGESTED PANEL OPENING



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-F8 (TOP)

0200-9999-F9 (BOTTOM)

PACKING QUANTITY : 12 PCS FINISHED GOODS PER TRAY.

5 TRAYS (60 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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				.XXX	±0.004		PAGE : 6


COMPONENTS FOR A
CONNECTED
PLANET

