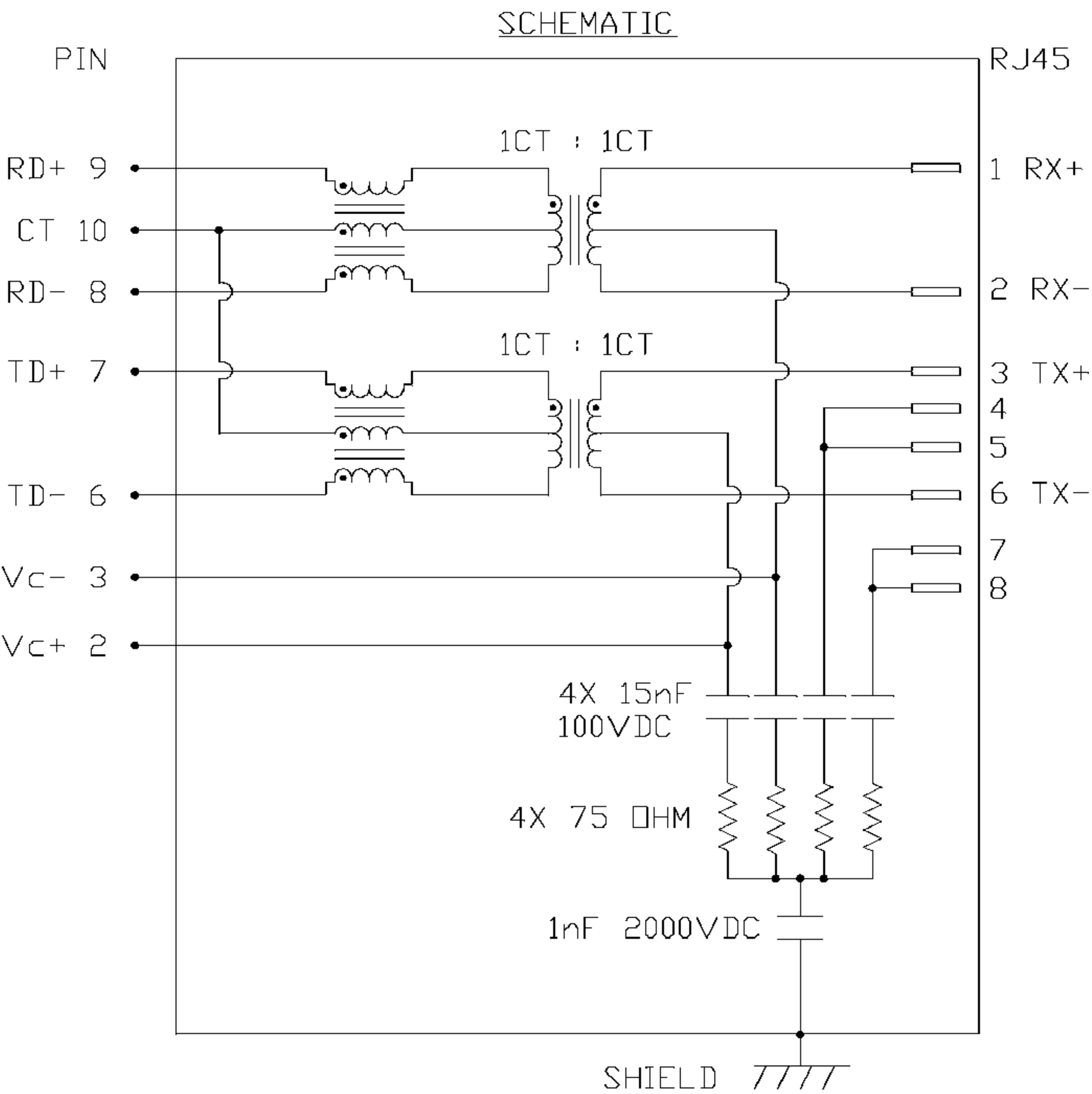


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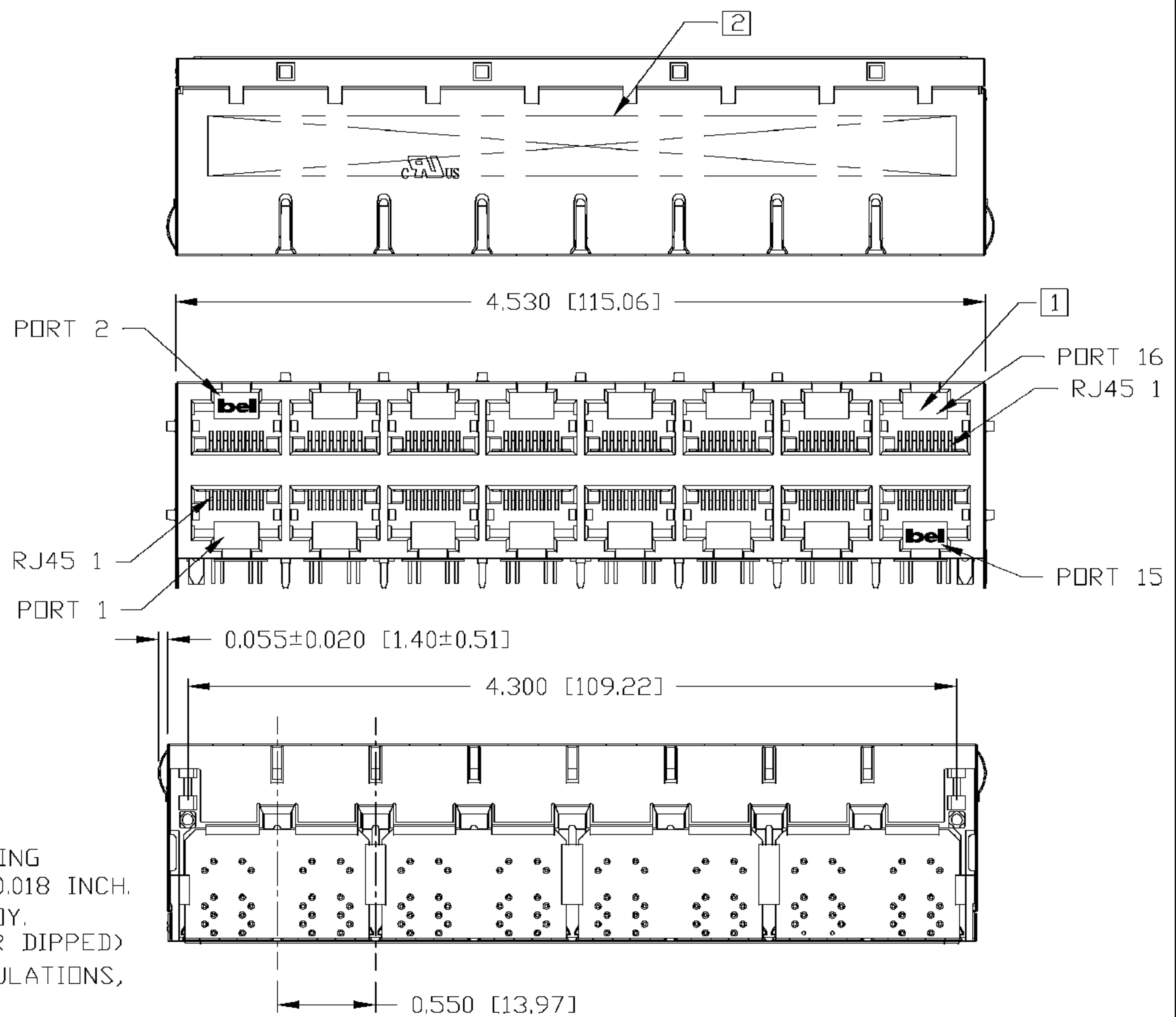
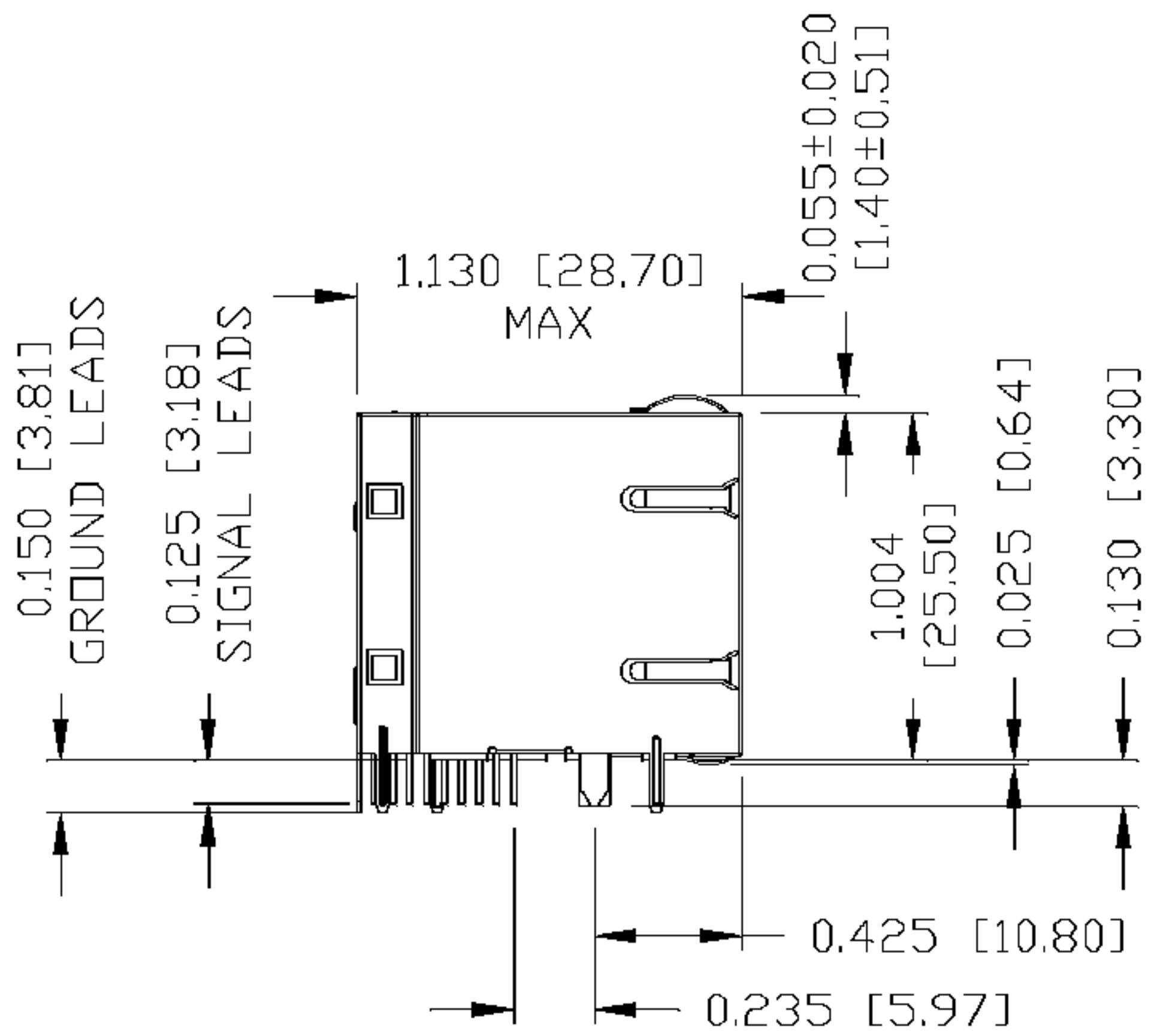
ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO	1CT : 1CT ±2%
QCL @ 0.1V, 100KHz 8mA DC BIAS	350 µH MIN.
INSERTION LOSS 100KHz TO 100MHz	-1.5 dB MAX.
RETURN LOSS (MIN.) 2MHz-30MHz 60MHz-80MHz	-16 dB MIN. -10 dB MIN.
LEAKAGE INDUCTANCE PRIMARY W/ SECONDARY SHORTED	0.25 µH MAX. @ 1MHz
D.C. RESISTANCE (9-8)=(7-6) (RJ1-RJ2)=(RJ3-RJ6)	1.40 ΩHM . 1.00 ΩHM .
INTERWINDING CAPACITANCE PER CHANNEL (PRI. to SEC.)	40 pF MAX.
XTALK 100KHz TO 100MHz	-30 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



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE		
CHOW WANCHUNG	11-13-07	2X8 gigabit MagJack® (VOIP)	0833-2X8R-55	TOL. IN INCH	UNIT : INCH [mm]	REV. : B	 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4	
LEE WEIDE	11-13-07		0833-2X8R-55_B.DWG	.XX		PAGE : 2	
				.XXX			

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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)

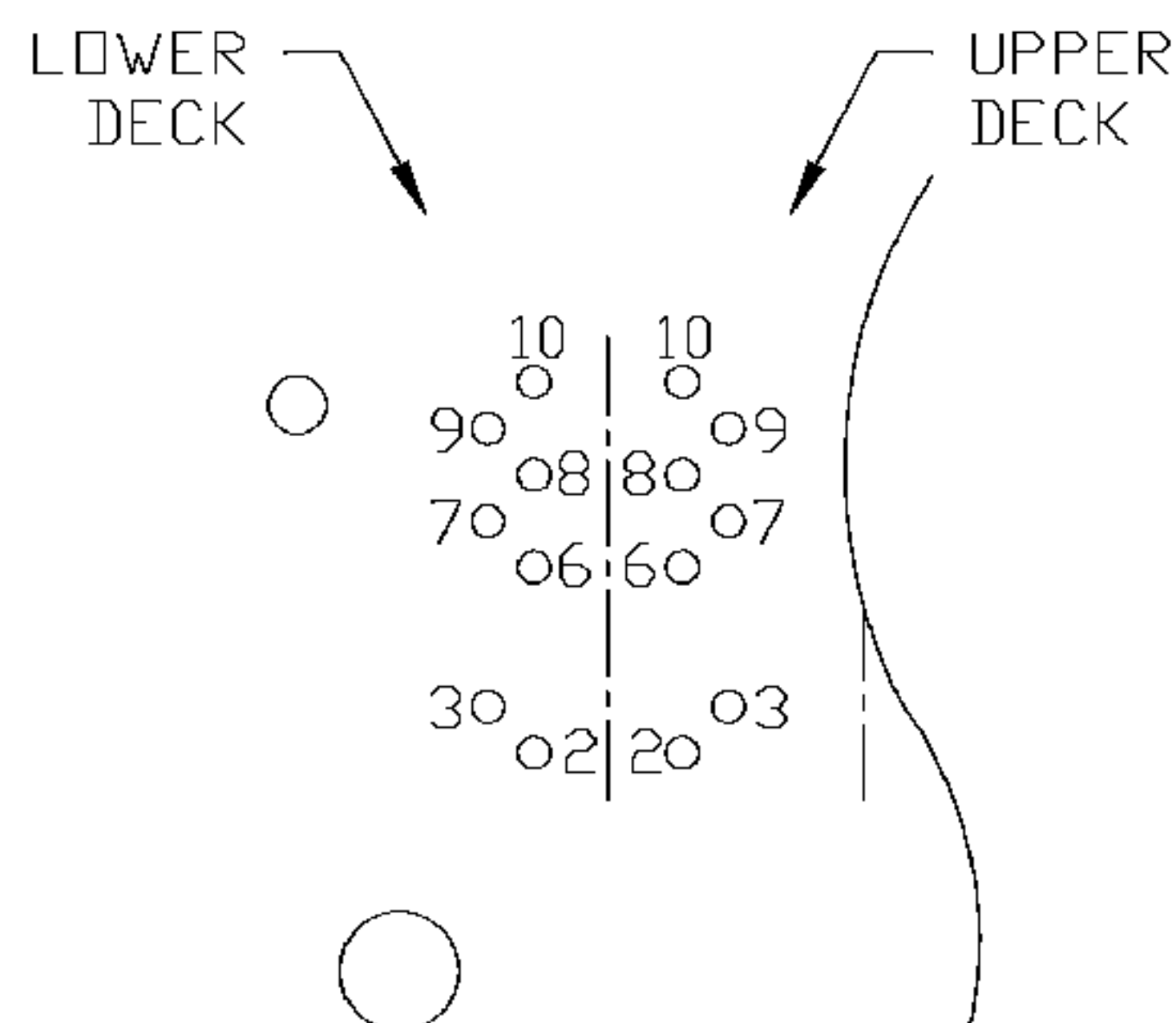
- [1] JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
- [2] MARK PART WITH MFG LOGO , MFG NAME , PART NUMBER, AND DATE CODE .

 US UL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B
CHEN BILL	11-13-07	2X8 gigabit MagJack® (VOIP)	0833-2X8R-55	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 3
LIU QIN	11-13-07		0833-2X8R-55_B.DWG	.XXX	±0.010		



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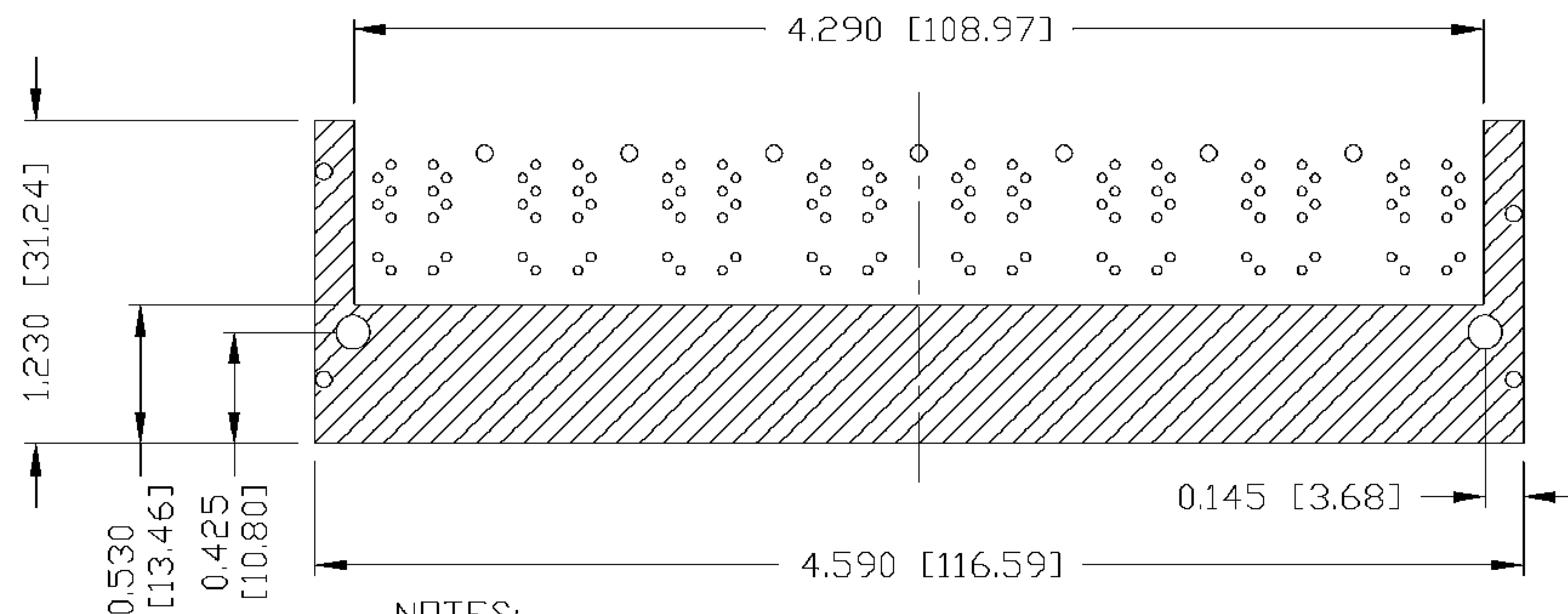
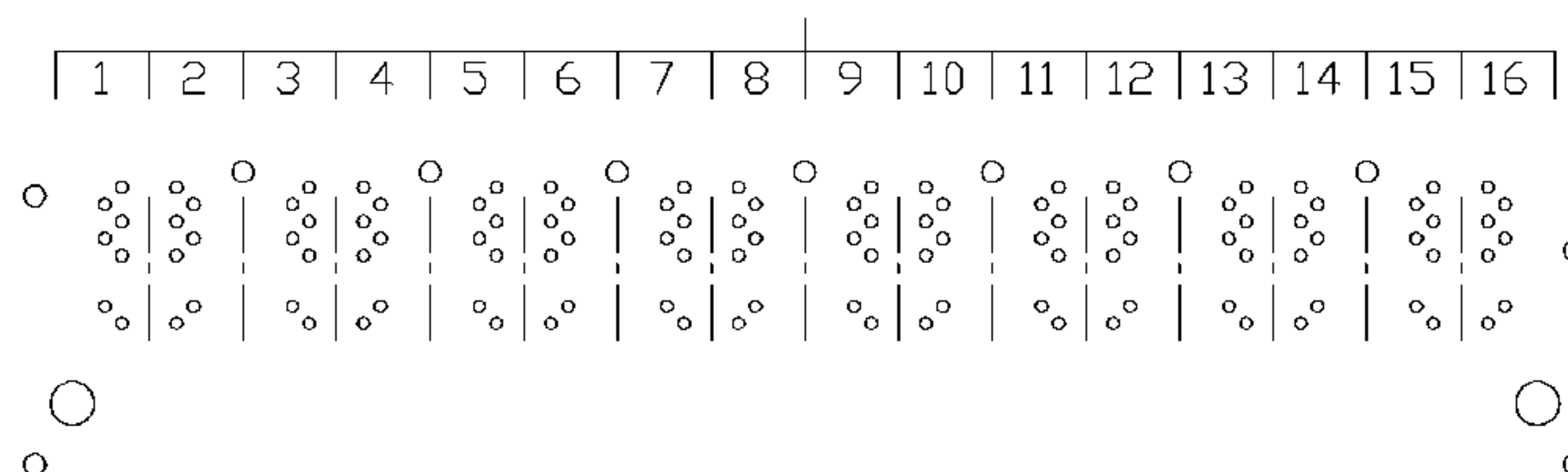


PIN-OUT INFORMATION
 (COMPONENT SIDE VIEW)

10	COMMON CT
9	RD+
8	RD-
7	TD+
6	TD-
5	NO PIN
4	NO PIN
3	V _C -
2	V _C +
1	NO PIN

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

PORT ASSIGNMENT
 (COMPONENT SIDE VIEW)



NOTES:

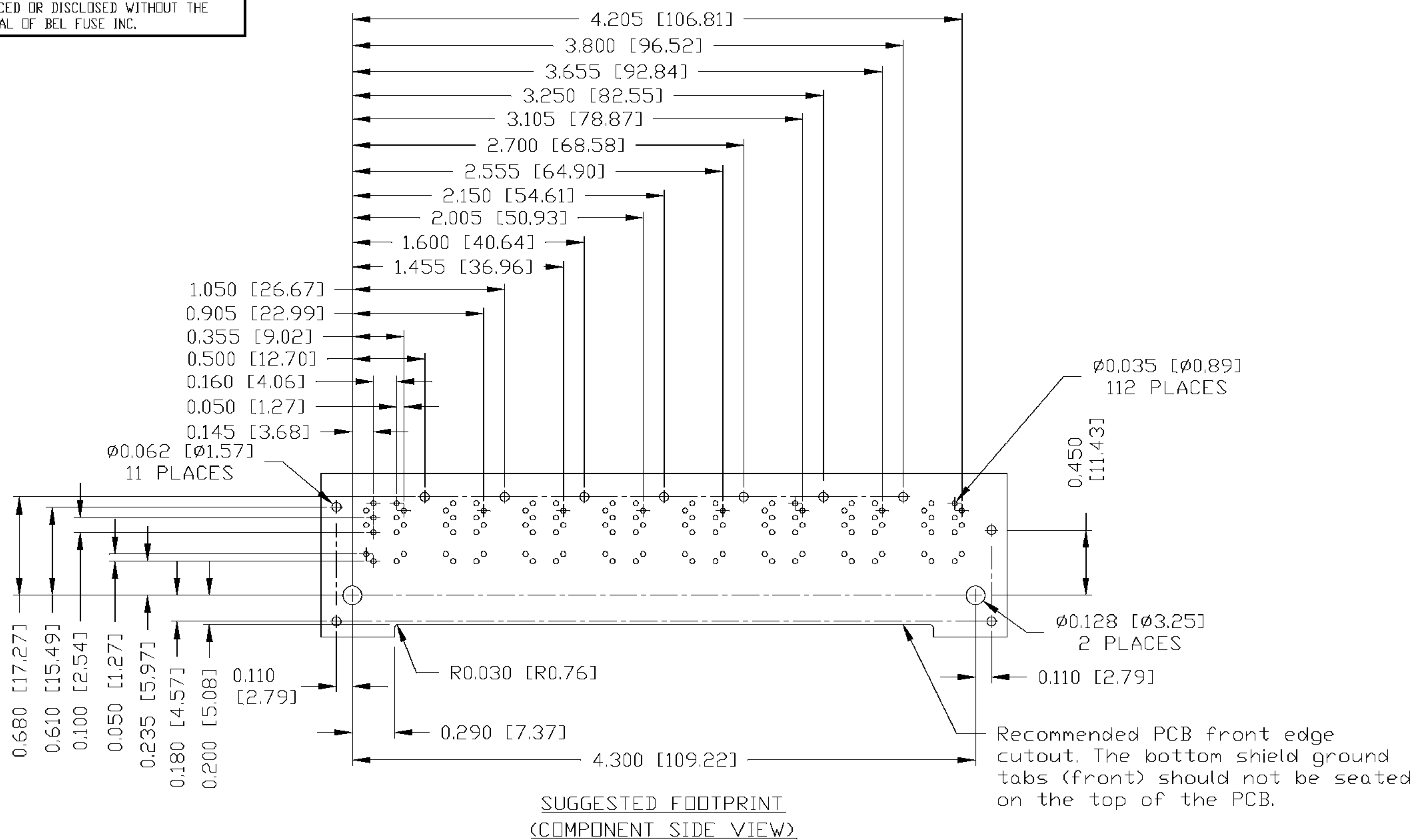
THE SHADED AREA ON THE CUSTOMER BOARD ARE
 RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR
 COMPONENT PAD.

ORIGINATED BY	DATE	TITLE 2X8 gigabit MagJack® (VOIP)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
CHEN BILL	11-13-07		0833-2X8R-55	TOL. IN INCH		UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4
LIU QIN	11-13-07		0833-2X8R-55_B.DWG	.XX			PAGE : 4
			.XXX	±0.004			


COMPONENTS FOR A
CONNECTED
PLANET



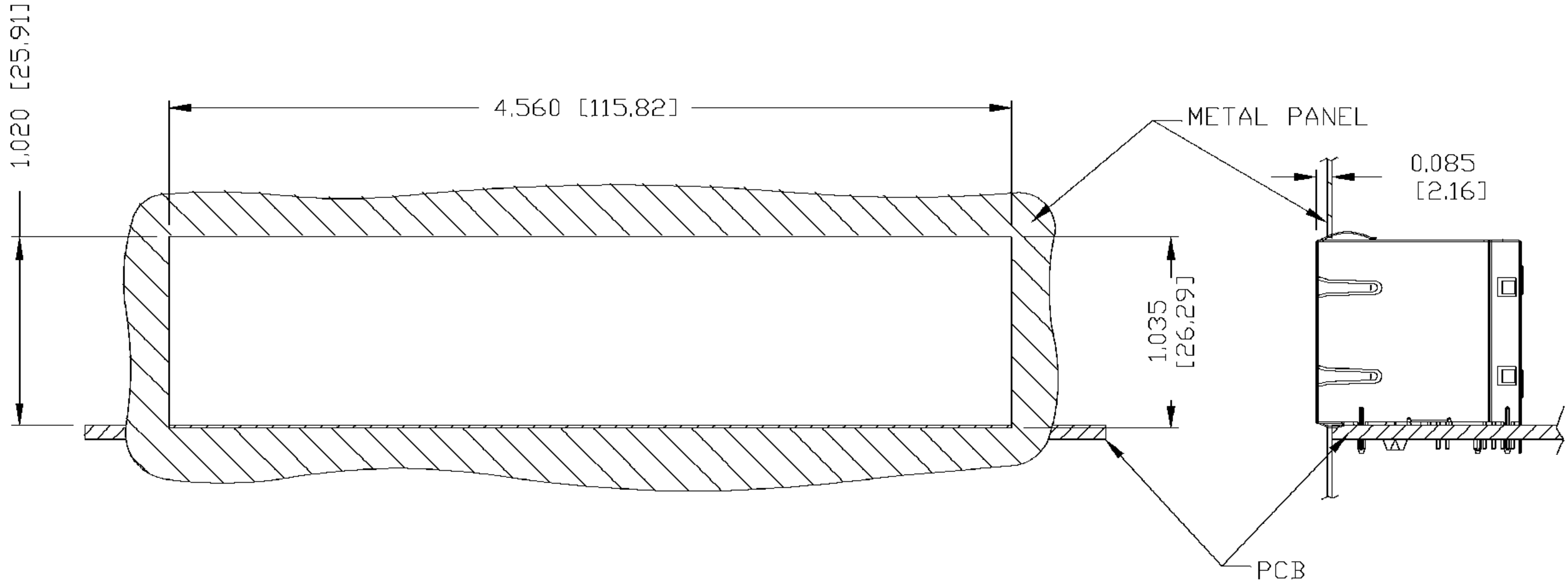
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CHEN BILL	11-13-07	2X8 gigabit MagJack® (VOIP)	0833-2X8R-55	TOL. IN INCH	UNIT : INCH [mm]	REV. : B	 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4	
LIU QIN	11-13-07		0833-2X8R-55_B.DWG	.XX .XXX	±0.004	PAGE : 5	

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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-B2 (TOP)
0200-9999-B1 (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.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B
CHEN BILL	11-13-07	2X8 gigabit MagJack® (VOIP)	0833-2X8R-55	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 6
LIU QIN	11-13-07		0833-2X8R-55_B.DWG	.XXX	±0.004		