

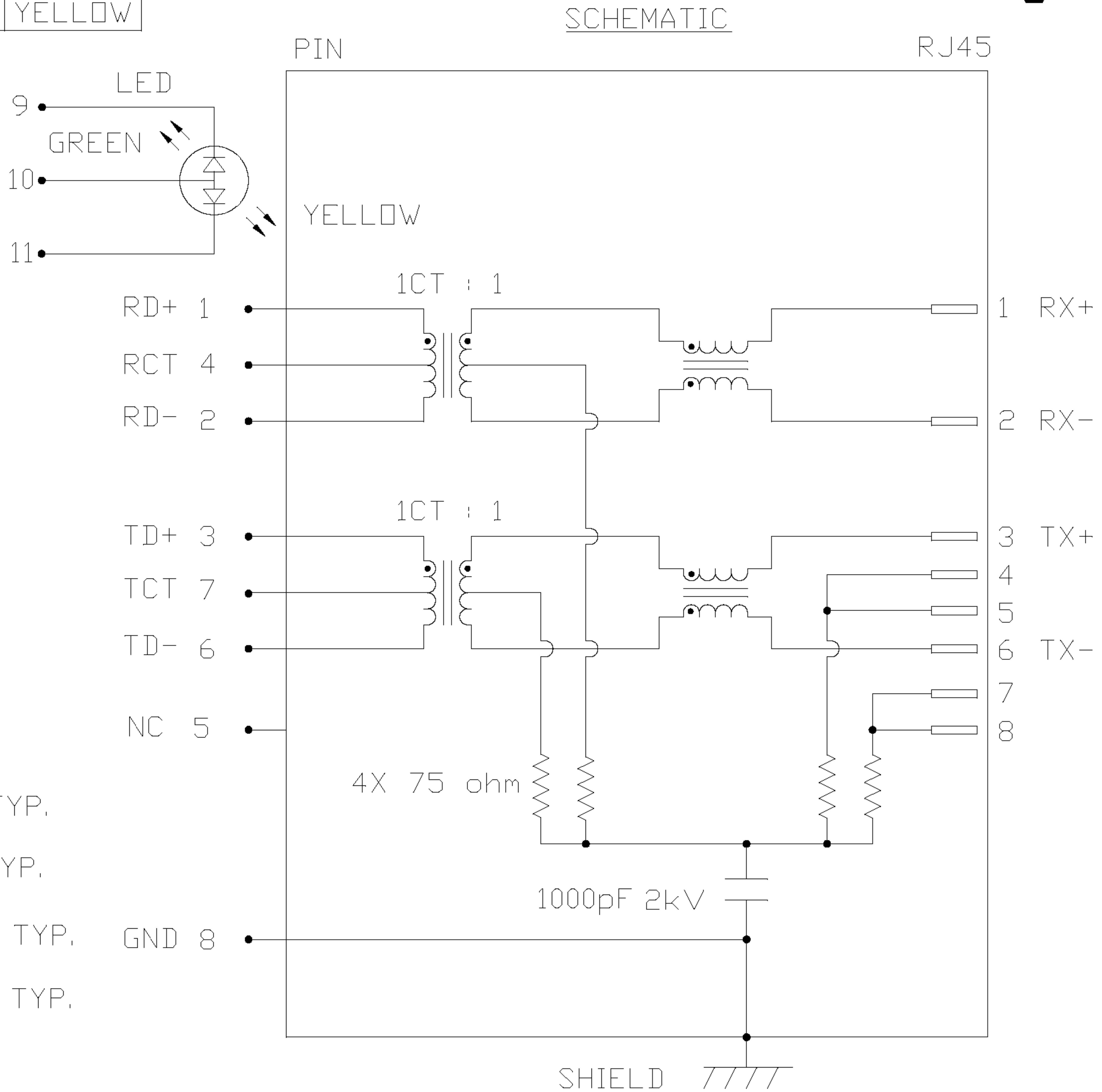
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LED POLARITY			
PIN 9	PIN 10	PIN 11	COLOR
-	+		GREEN
	+		YELLOW

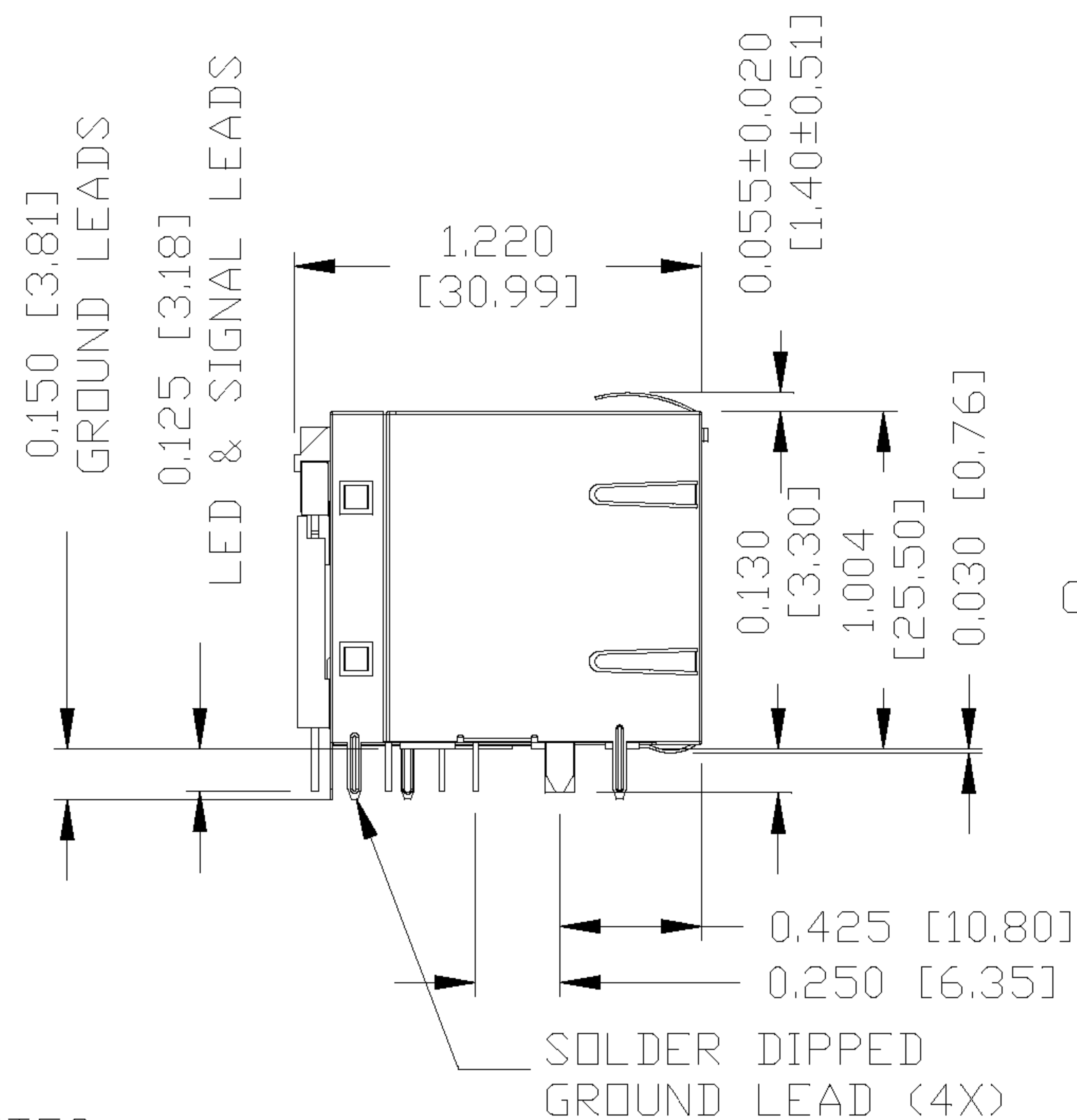
ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO	1CT : 1CT ±3%		
□CL @ 0.1V, 100KHz			
8mA DC BIAS	350μH MIN.		
INSERTION LOSS			
100KHz TO 100MHz	-1.1 dB		
RETURN LOSS (MIN.)			
1MHz-30MHz	-18 dB		
60MHz-80MHz	-12 dB		
XTALK			
100KHz TO 100MHz	-35 dB MIN.		
LED			
VF (FORWARD VOLTAGE)	IF=20mA	YELLOW GREEN	2.2V TYP.
		YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW GREEN	565nm TYP.
		YELLOW	590nm TYP.
HIPOT (Isolation Voltage):	1500 Vrms or 2250VDC		



ORIGINATED BY	DATE	TITLE 2X8 MagJack® with LED 0810-2H8R-28-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHUNG	01-18-07		08102H8R28-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
DE	01-18-07		08102H8R28-FA.DWG	.XX			PAGE : 2	
			.XXX					

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NOTES:

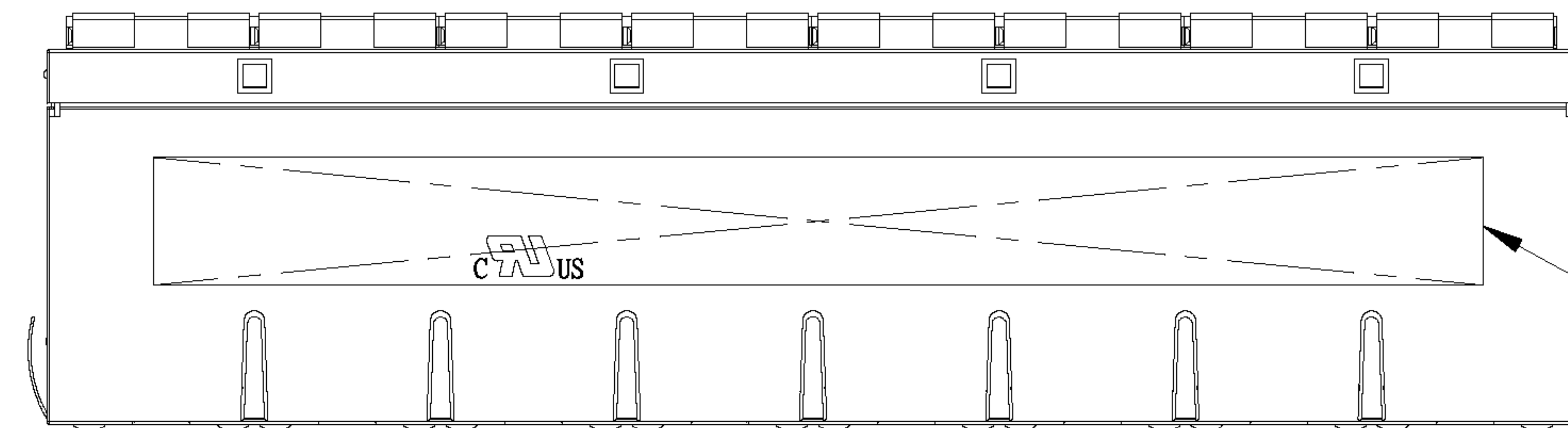
- PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACT PLATING: 30 MICRO-INCH HARD GOLD PLATING
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

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

3. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.



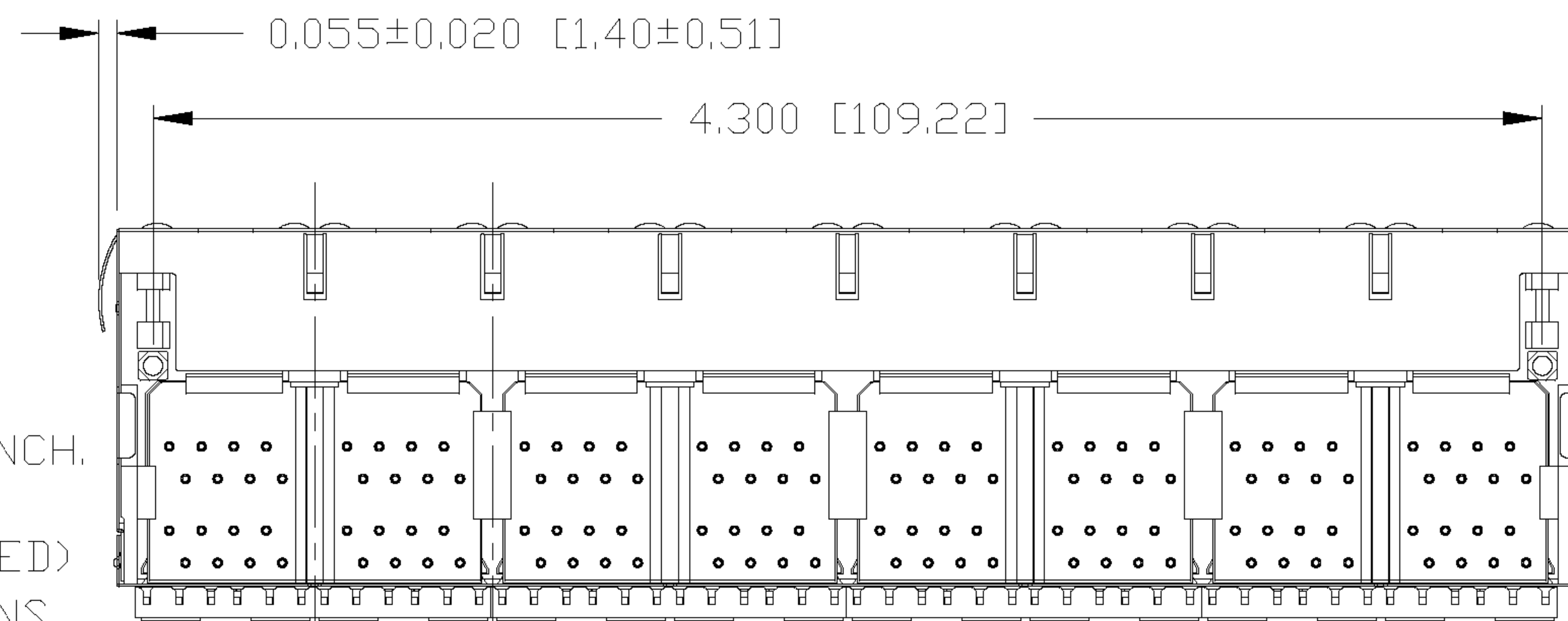
PORT 2
LED 2.
LOWER DECK
GREEN/YELLOW
RJ45 1
PORT 1



2

1

PORT 16
LED 1.
UPPER
DECK
GREEN/
YELLOW
RJ45 1
PORT 15

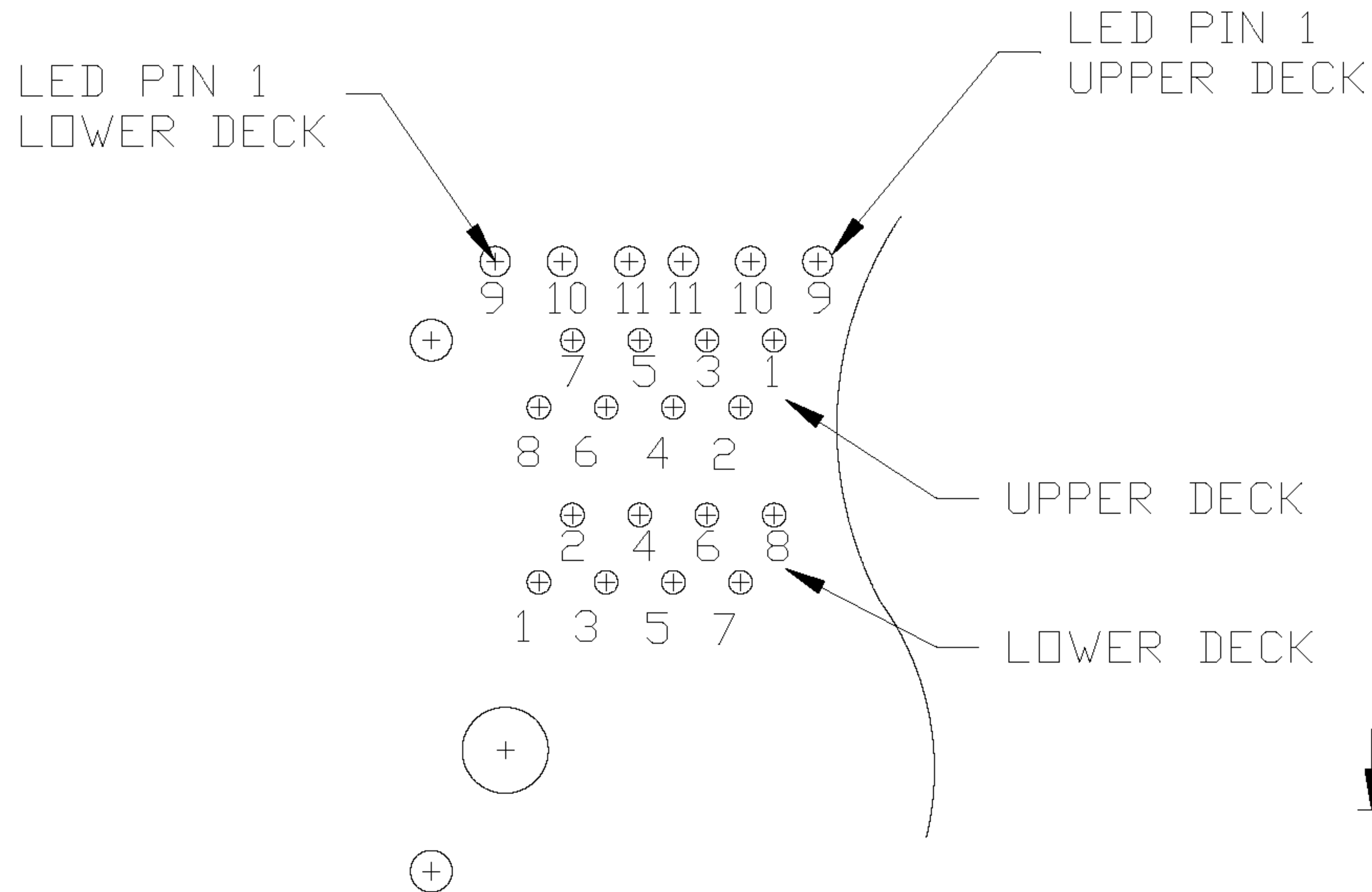


0.550 [13.97]
TYPICAL

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : A
QIN/BILL	01-18-07	2X8 MagJack® with LED 0810-2H8R-28-F	08102H8R28-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 3
TING	01-18-07		08102H8R28-FA.DWG	.XXX	±0.010		



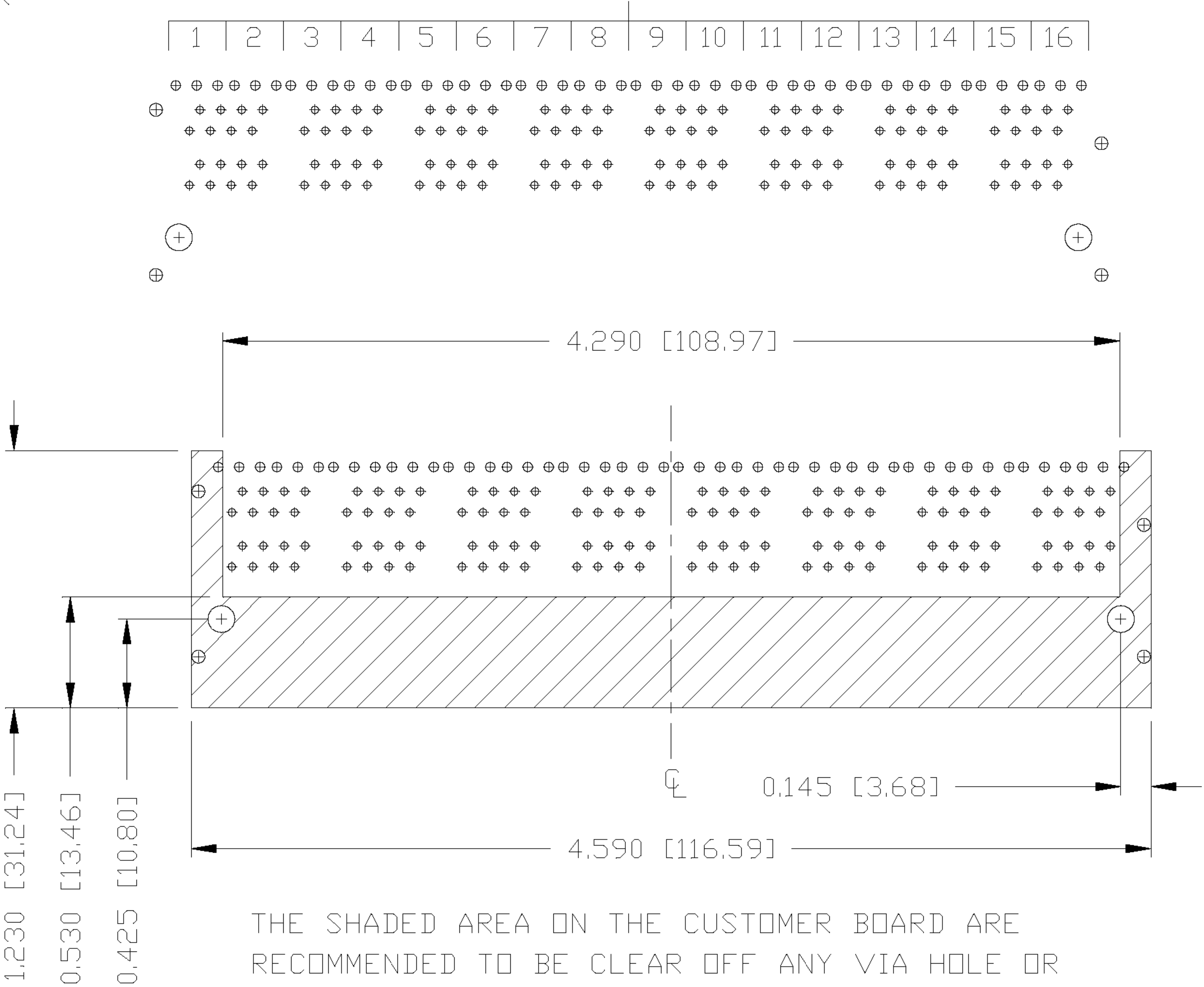
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PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

11	YELLOW LED CATHODE
10	COMMON ANODE
9	GREEN LED CATHODE
8	GND
7	TCT
6	TD-
5	NC
4	RCT
3	TD+
2	RD-
1	RD+

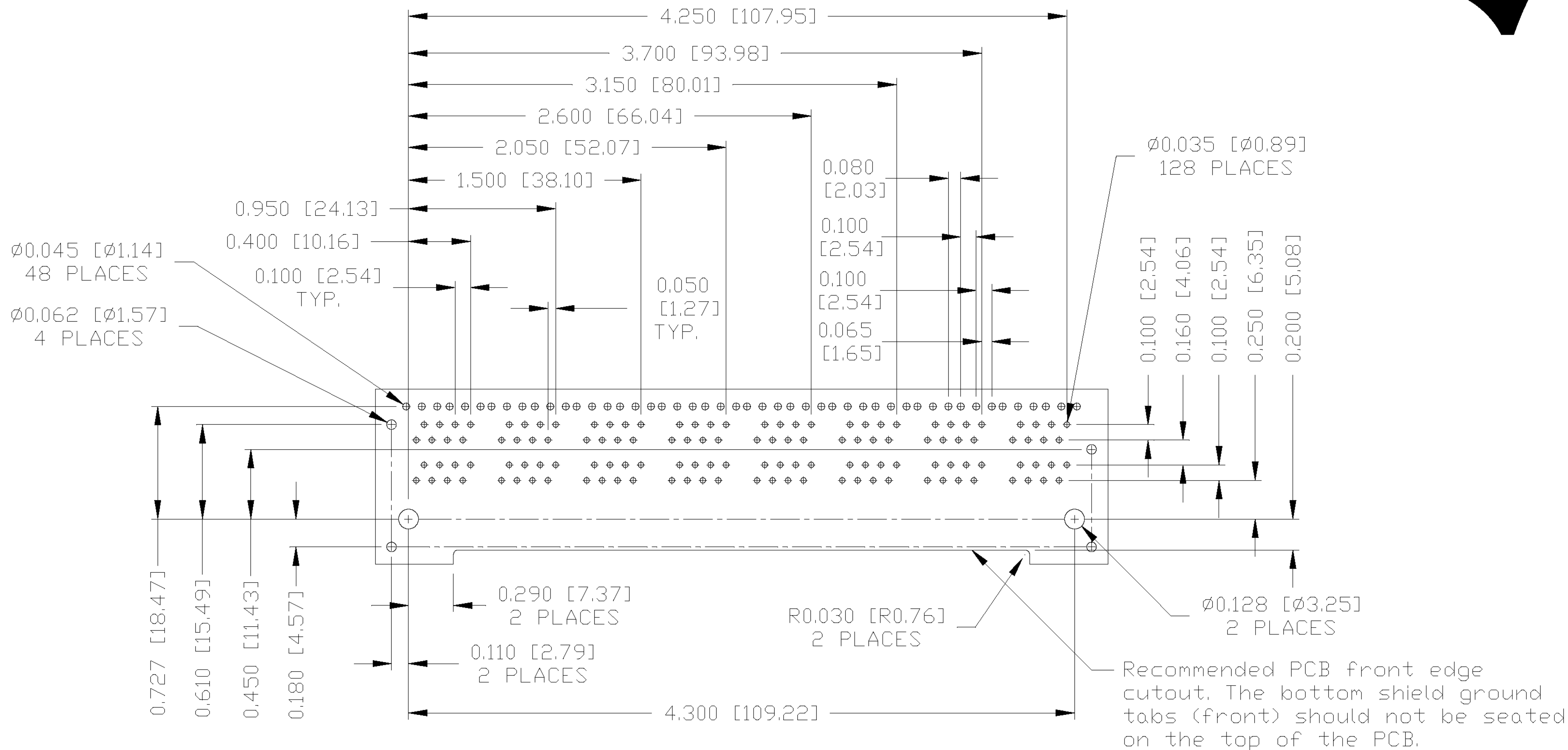
PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



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

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QIN/BILL	01-18-07		FILE NAME 08102H8R28-FA.DWG	.X		UNIT : INCH [mm]		REV. : A	
DRAWN BY	DATE			.XX		SCALE : N/A		SIZE : A4	
TING	01-18-07			.XXX	±0.004			PAGE : 4	

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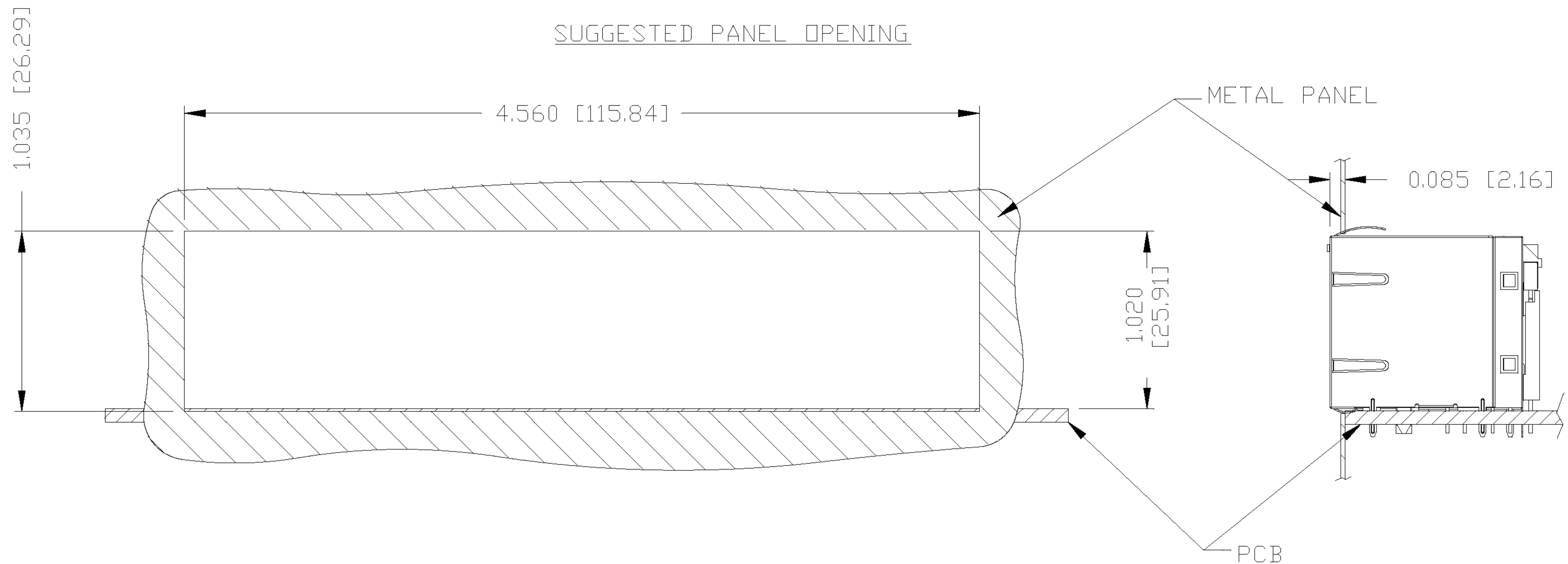


SUGGESTED FOOTPRINT
(COMPONENT SIDE VIEW)

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QIN/BILL	01-18-07		FILE NAME 08102H8R28-FA.DWG	.X		UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE			.XX		SCALE : N/A	SIZE : A4
TING	01-18-07			.XXX	±0.004		PAGE : 5



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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-B2 (TOP)
0200-9999-B3 (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 QIN/BILL	DATE 01-18-07	TITLE 2X8 MagJack® with LED 0810-2H8R-28-F	PART NO. / DRAWING NO. 08102H8R28-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
				.X		UNIT : INCH [mm]	REV. : A
DRAWN BY TING	DATE 01-18-07		FILE NAME 08102H8R28-FA.DWG	.XX		SCALE : N/A	SIZE : A4
				.XXX	±0.004		PAGE : 6

