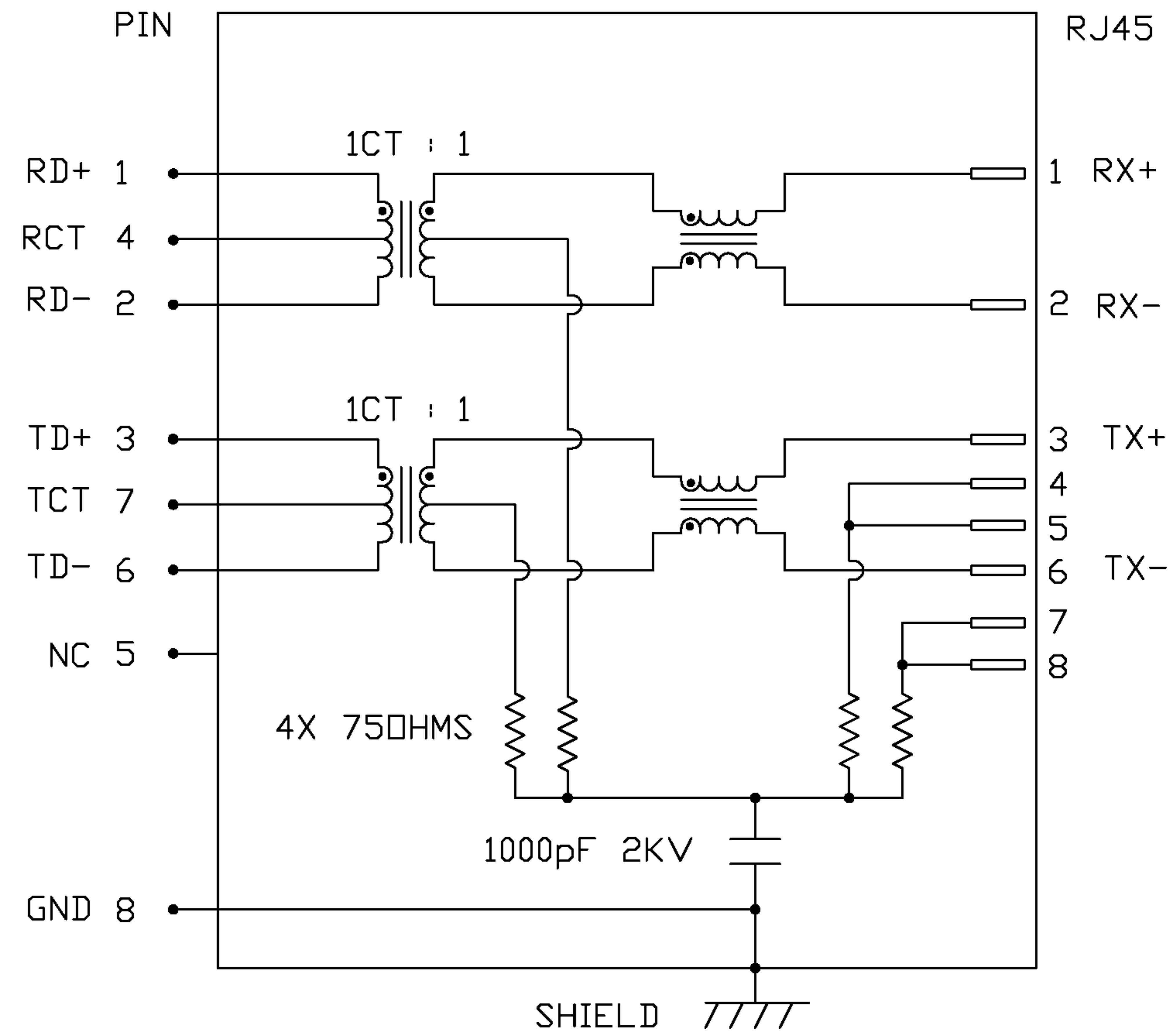




SCHEMATIC

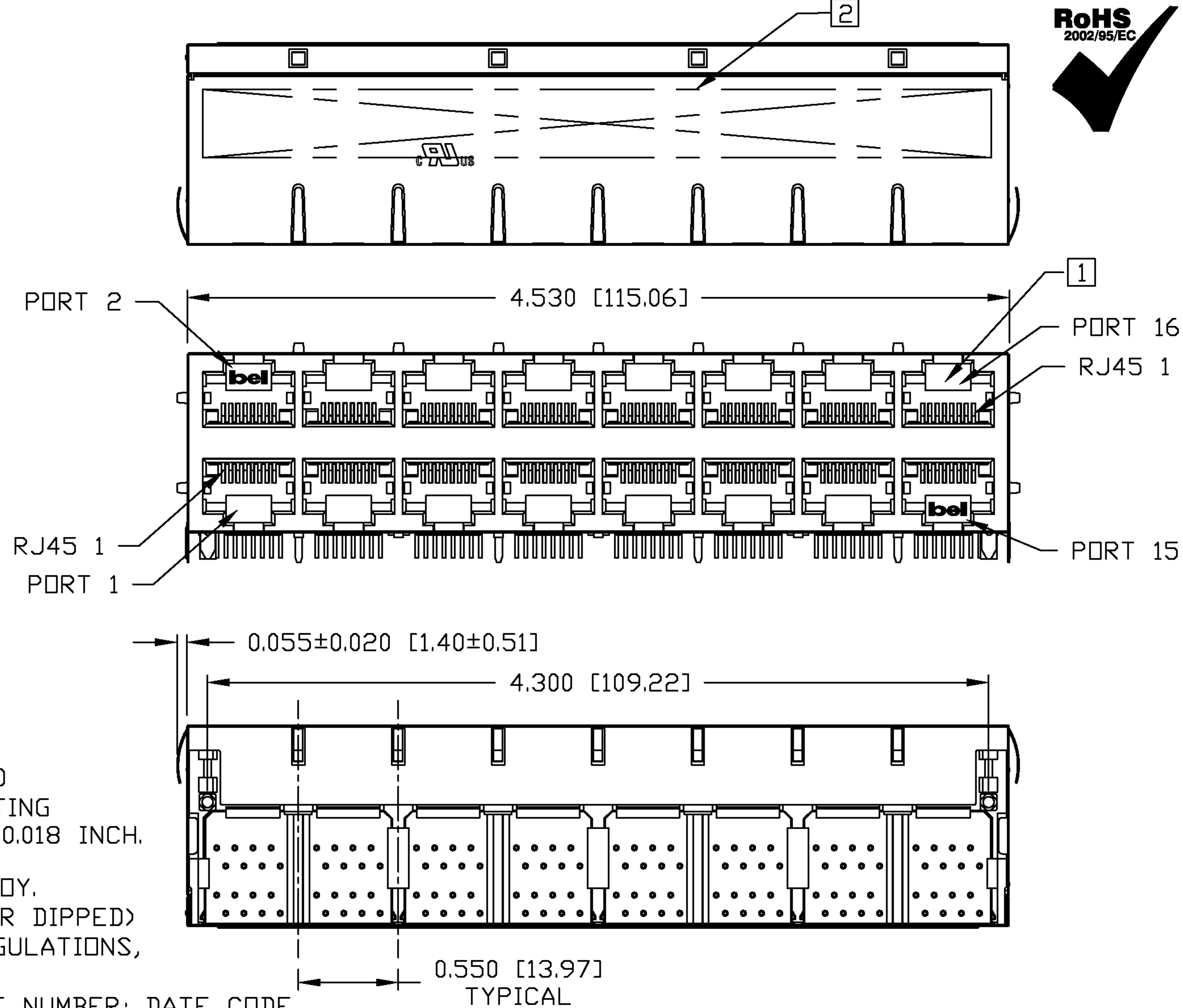
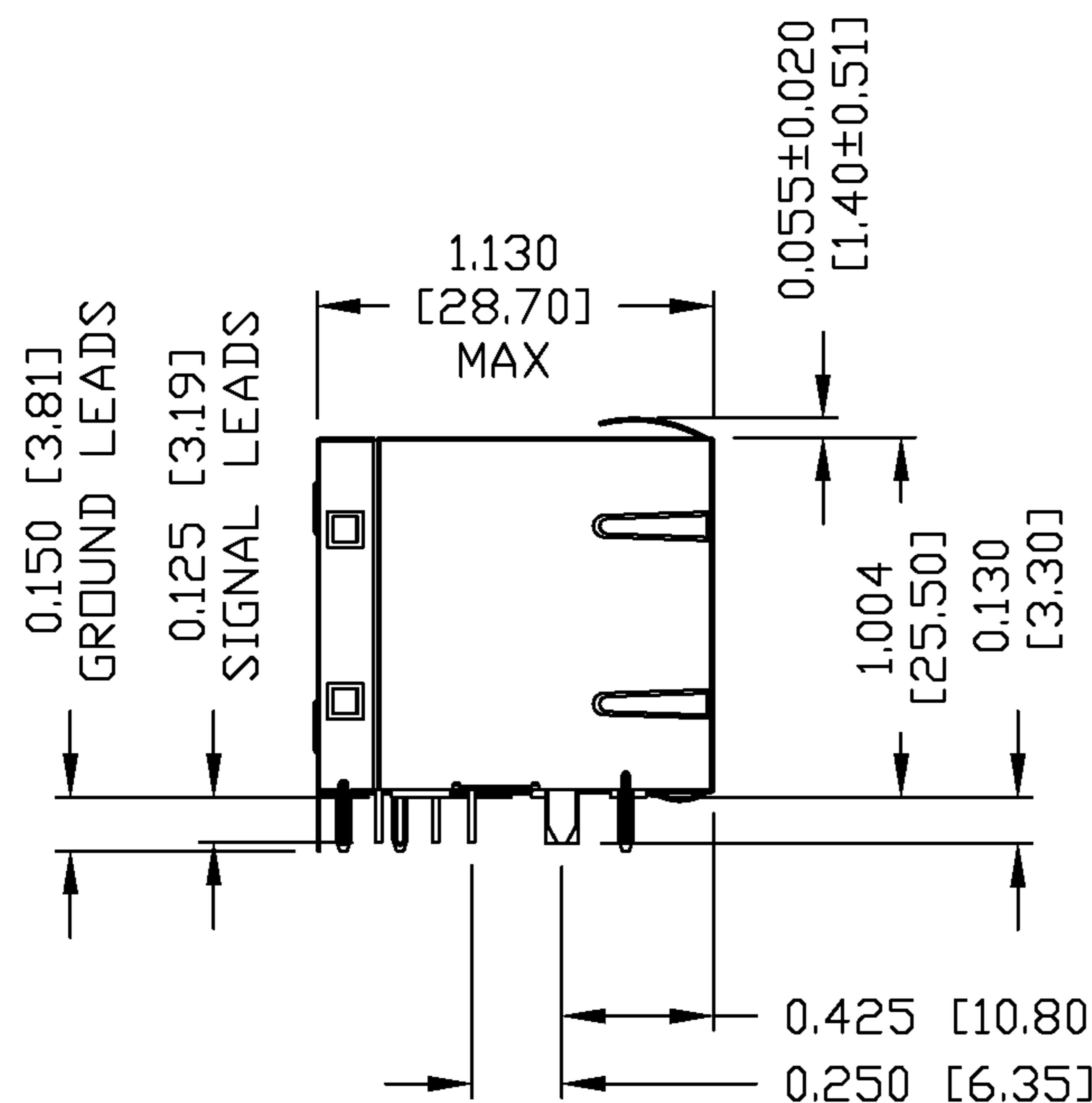
ELECTRICAL CHARACTERISTICS @ 25°C

RETURN LOSS (MIN.)	
1MHz-30MHz	-18 dB
60MHz-80MHz	-12 dB
INSERTION LOSS	
100KHz TO 100MHz	-1.1 dB
OCL @ 0.1V, 100KHz 8mA DC BIAS	350 $\mu$ H MIN.
TURN RATIO	1CT : 1CT $\pm 3\%$
CM TO CM REJ	
100KHz - 100MHz	-35 dB MIN
CM TO DM REJ	
100KHz - 100MHz	-40 dB MIN
XTALK	
100KHz TO 100MHz	-35 dB MIN.



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	[ ] METRIC DIM. AS REFERENCE	
DRAWN BY	DATE			STANDARD DIM. TOL. IN INCH	UNIT : INCH [mm]
CHUNG	03-03-06	2X8 MagJack® (4 Cores)	08112X8R28-F	.X	REV. : A
DE	03-03-06	0811-2X8R-28-F	FILE NAME 08112X8R28-FA.DWG	.XX	SCALE : N/A
				.XXX	SIZE : A4
					PAGE : 2

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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.  
SOLDERABILITY: PER MIL STD. 202, METHOD 208.  
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] MARKED PART WITH MFG. LOGO; MFG. NAME; PART NUMBER; DATE CODE.

 UL RECOGNIZED - FILE #E196366 AND E169987.

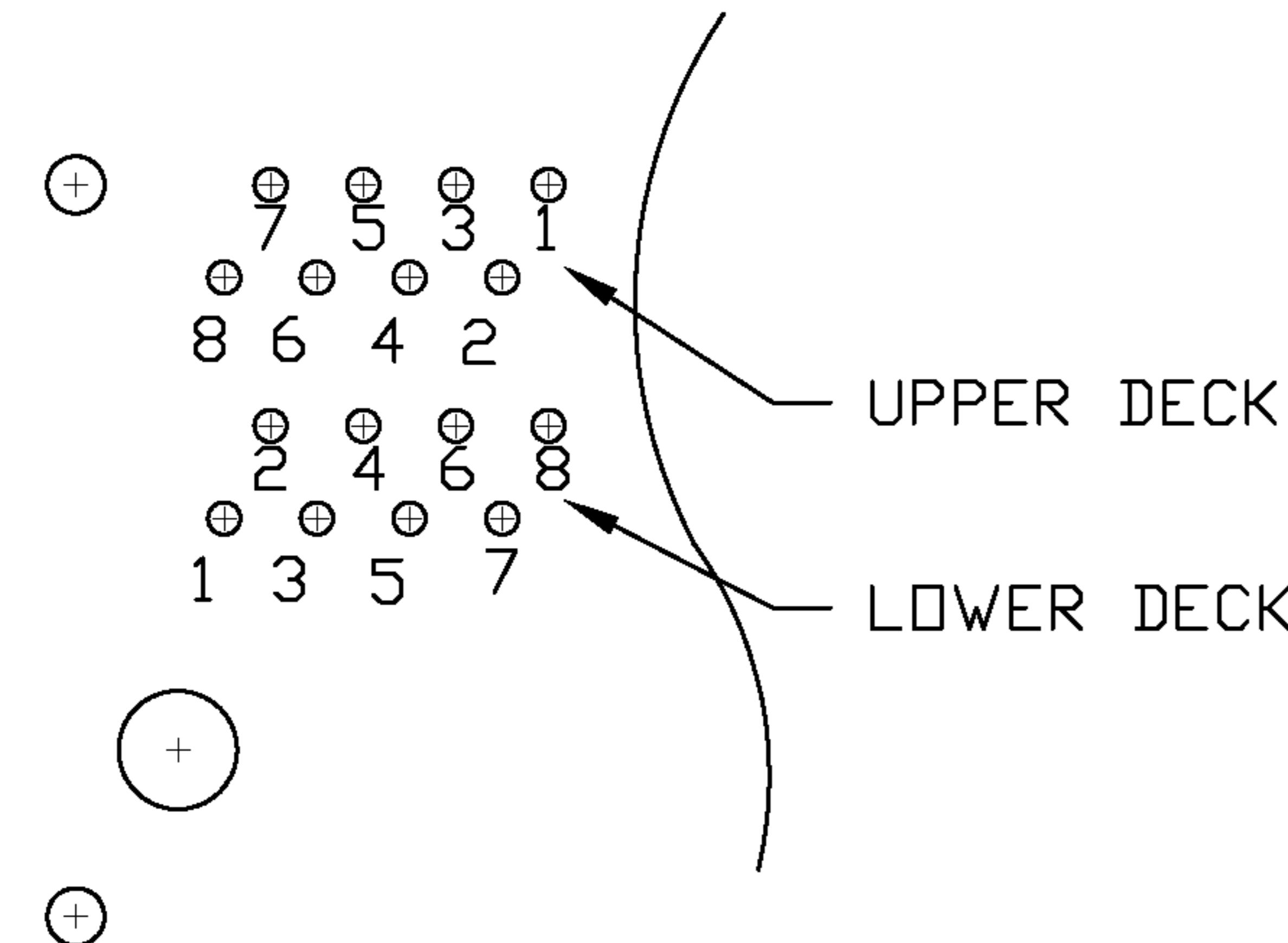
3. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE	
DRAWN BY	DATE				UNIT : INCH [mm]	REV. : A
QIN	03-03-06	2X8 MagJack® (4 Cores)	08112X8R28-F	.X		
FENG	03-03-06	0811-2X8R-28-F	FILE NAME 08112X8R28-FA.DWG	.XX	SCALE : N/A	SIZE : A4

**bel**  
COMPONENTS FOR A  
CONNECTED  
PLANET™

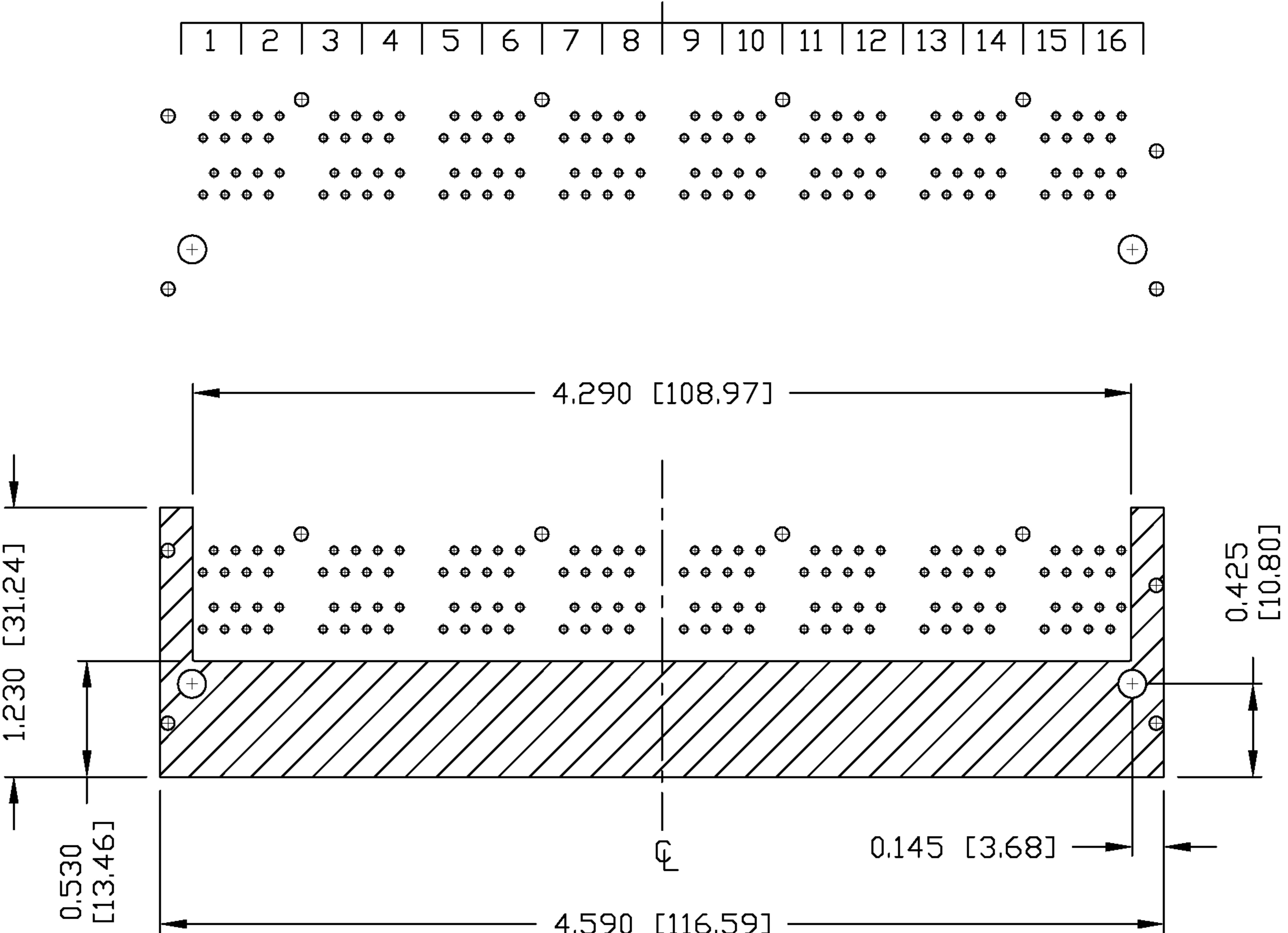


PORT ASSIGNMENT  
(COMPONENT SIDE VIEW)



PIN-OUT INFORMATION  
(COMPONENT SIDE VIEW)

8	GND
7	TCT
6	TD-
5	NC
4	RCT
3	TD+
2	RD-
1	RD+

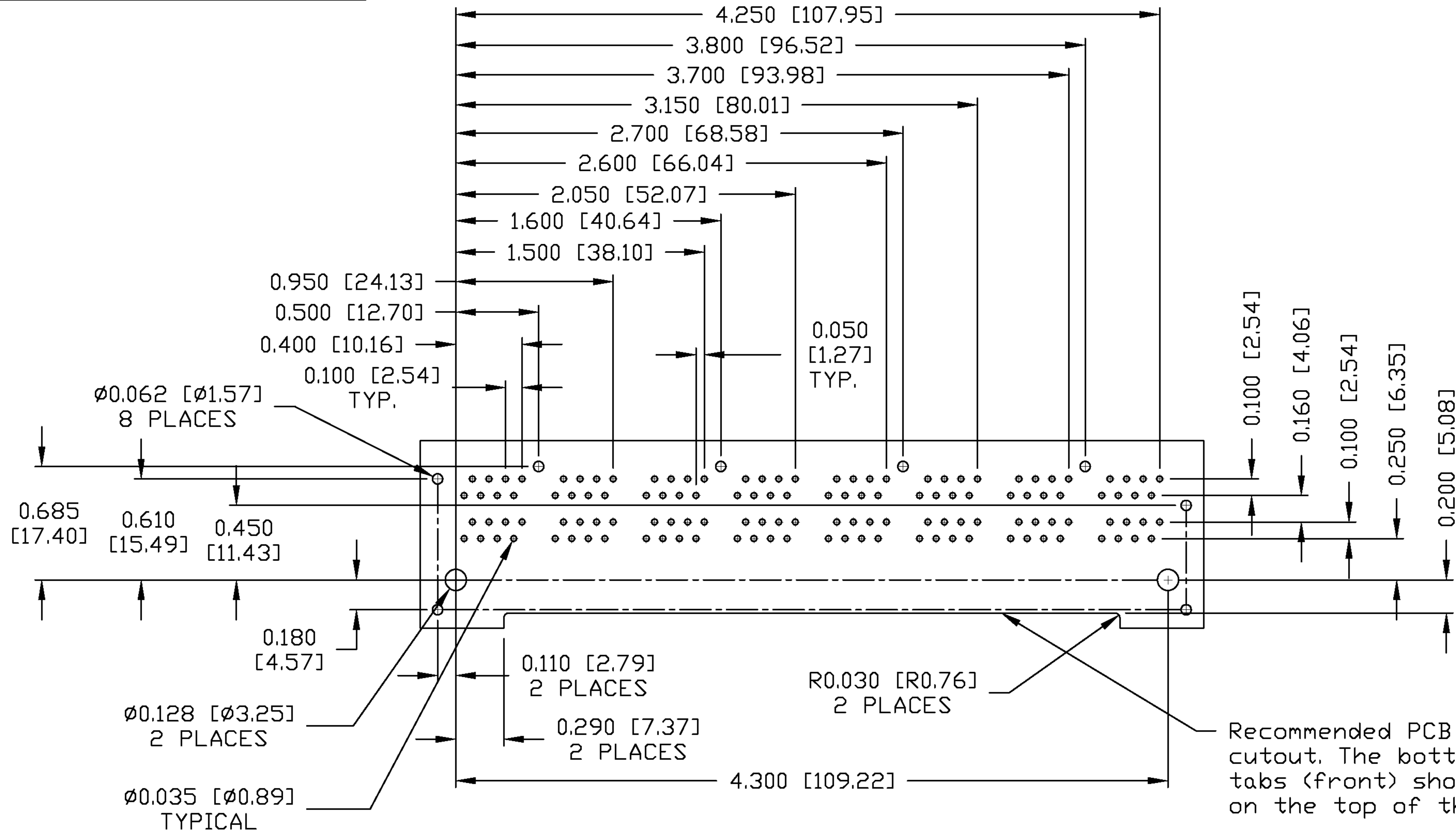


THE SHADED AREA ON THE CUSTOMER BOARD ARE  
 RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR  
 COMPONENT PAD.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REFERENCE	
DRAWN BY	DATE				UNIT : INCH [mm]	REV. : A
QIN	03-03-06	2X8 MagJack® (4 Cores)	08112X8R28-F	.X		
FENG	03-03-06	0811-2X8R-28-F	FILE NAME 08112X8R28-FA.DWG	.XX	SCALE : N/A	SIZE : A4
				.XXX	±0.004	PAGE : 4

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The logo consists of the text "RoHS" in a large, bold, sans-serif font, with "2002/95/EC" in a slightly smaller font below it. To the right of the text is a large, stylized black checkmark that slopes upwards from the bottom-left to the top-right.

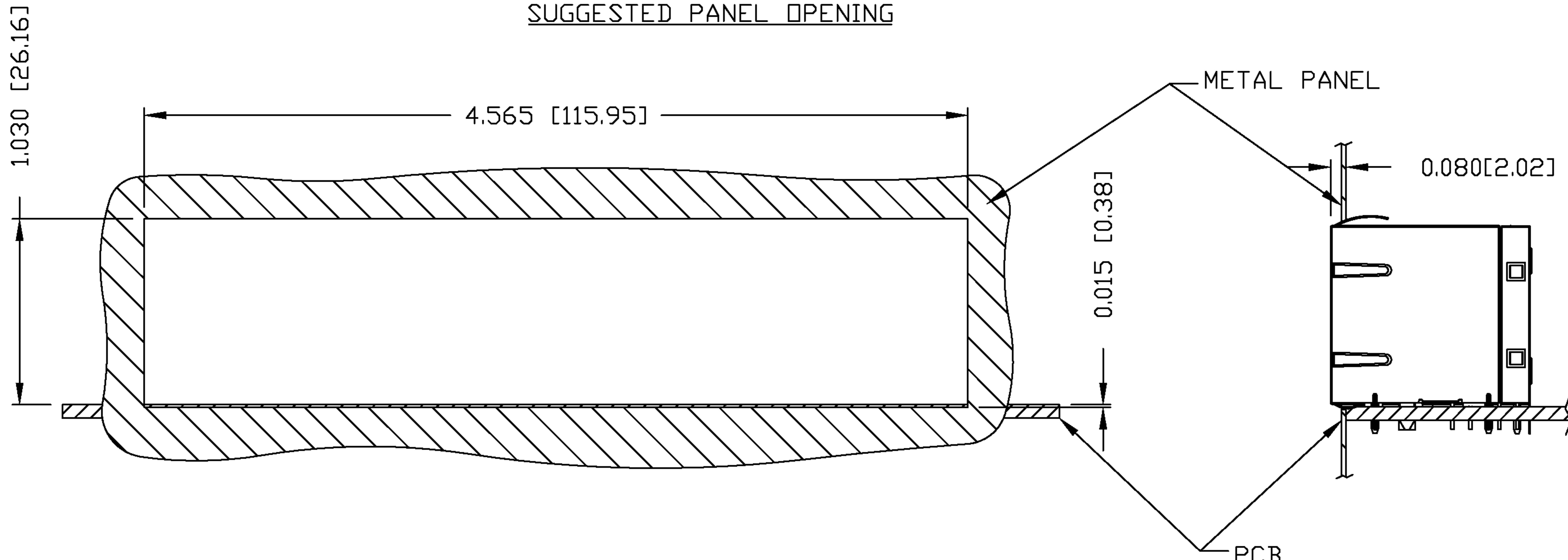


SUGGESTED FOOTPRINT  
(COMPONENT SIDE VIEW)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.
QIN	03-03-06	STANDARD DIM.	[ ] METRIC DIM. AS REFERENCE
		TOL. IN INCH	2X8 MagJack®
		UNIT : INCH [mm]	08112X8R28-F
		REV. : 4	
			
DRAWN BY	DATE	.X	
FENG	03-03-06	.XX	0811-2X8R-28-F
		.XXX	08112X8R28-FA.DWG
		±0.004	



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		bel COMPONENTS FOR A CONNECTED PLANET
DRAWN BY	DATE			TOL. IN INCH	UNIT : INCH [mm]	REV. : A	SCALE : N/A	
QIN	03-03-06	2X8 MagJack® (4 Cores)	08112X8R28-F	.X				
FENG	03-03-06	0811-2X8R-28-F	FILE NAME 08112X8R28-FA.DWG	.XX				
				.XXX	±0.004			PAGE : 6

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bel:

0811-2X8R-28-F