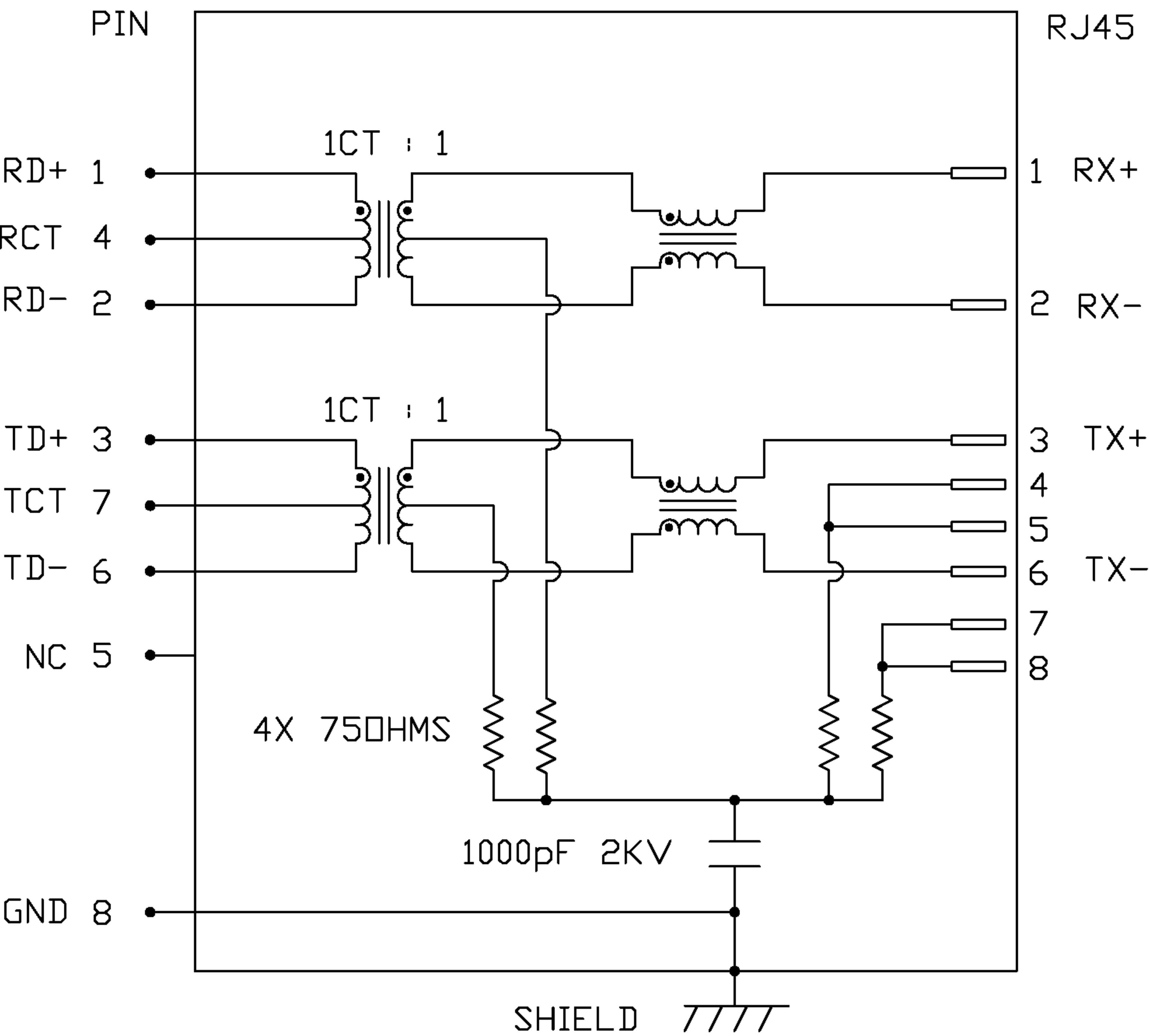




SCHEMATIC

ELECTRICAL CHARACTERISTICS @ 25°C

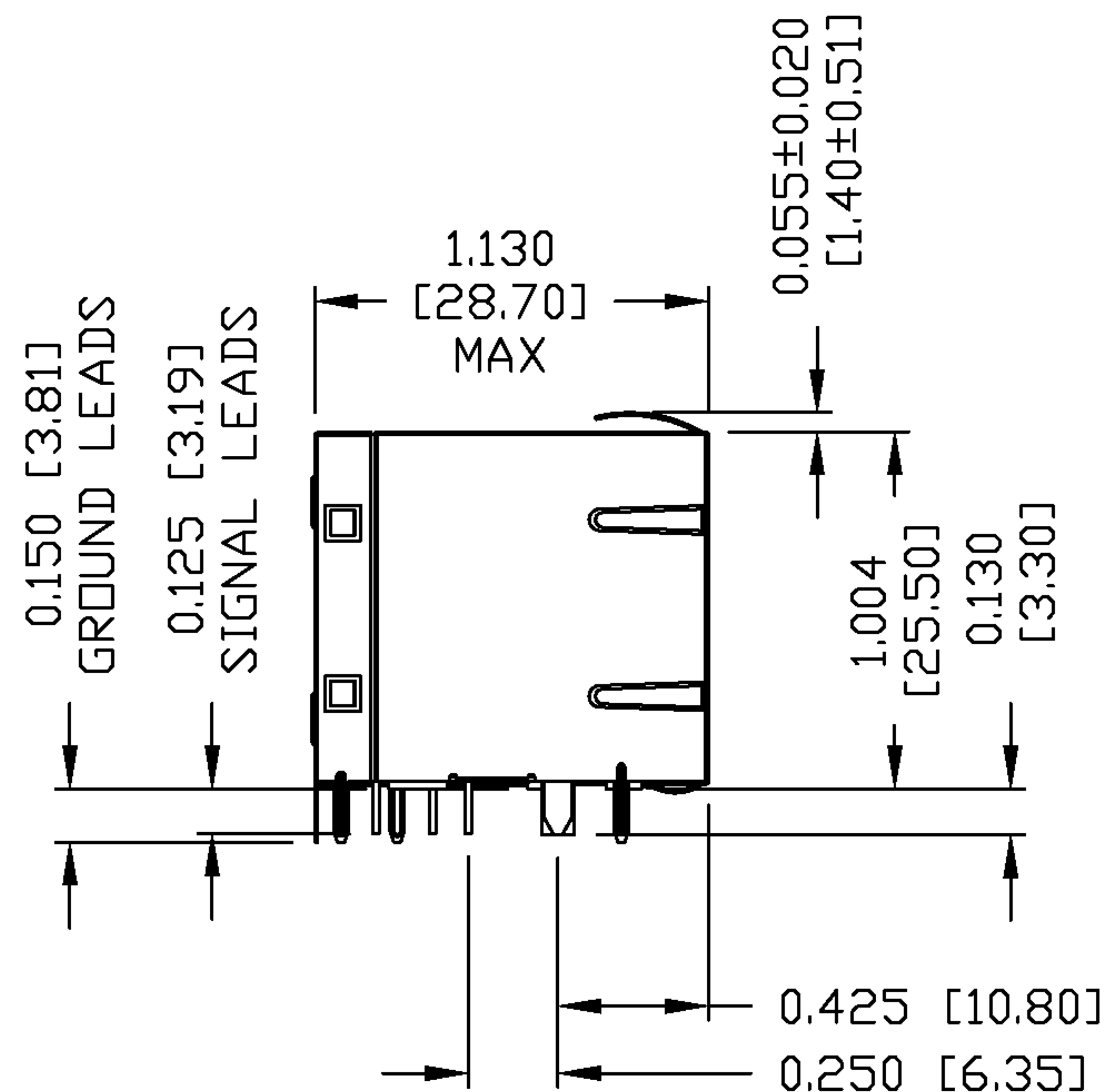
RETURN LOSS (MIN.)	
1MHz-30MHz	-18 dB
60MHz-80MHz	-12 dB
INSERTION LOSS	
100KHz TO 100MHz	-1.1 dB
□CL @ 0.1V, 100KHz	
8mA DC BIAS	350μH MIN.
TURNS RATIO	1CT : 1CT ±3%
CM TO CM REJ	
100kHz - 100MHz	-35 dB MIN
CM TO DM REJ	
100kHz - 100MHz	-40 dB MIN
XTALK	
100KHz TO 100MHz	-35 dB MIN.



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

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RoHS
2002/95/EC



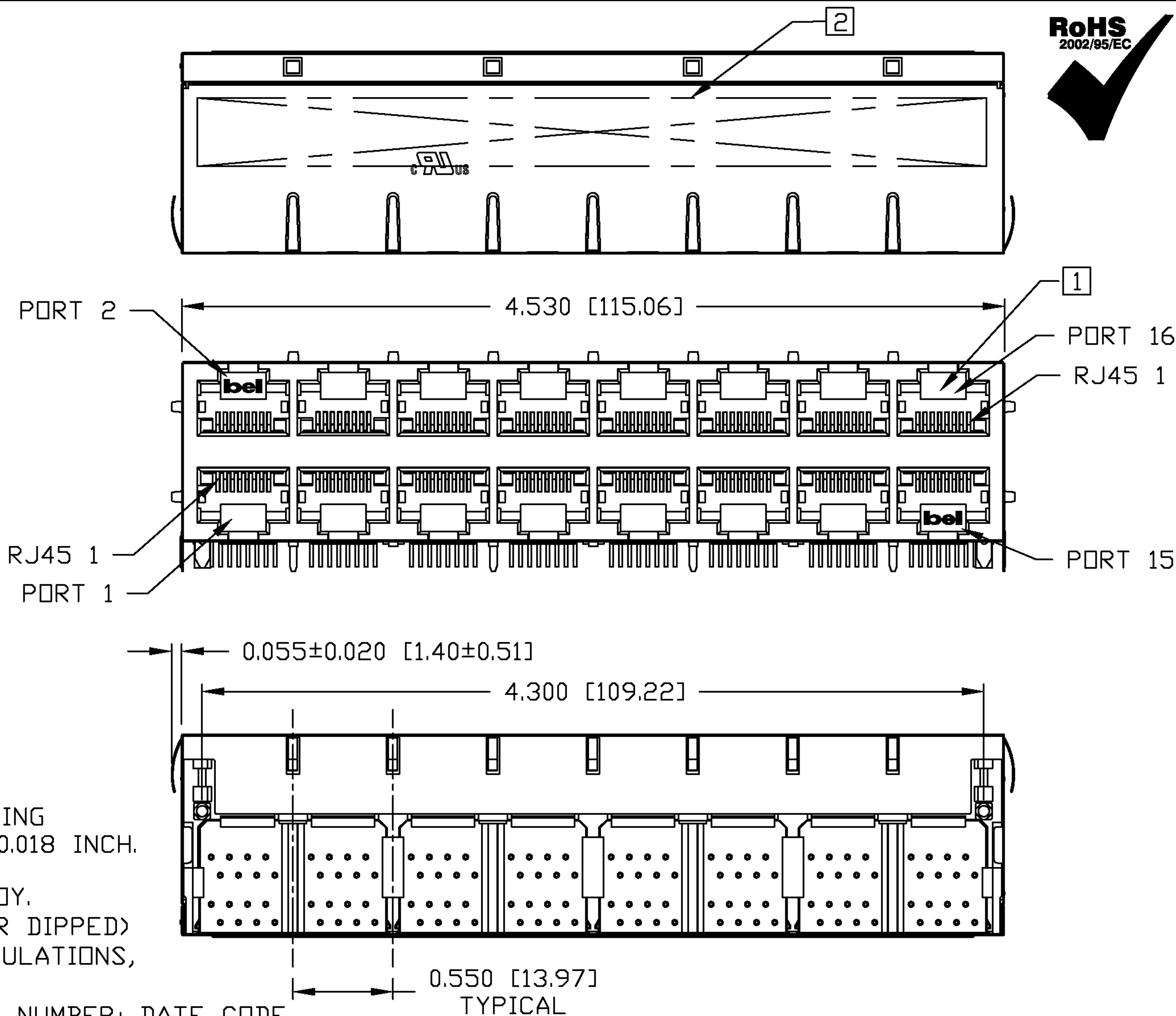
NOTES:

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.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : A
QIN	03-03-06	2X8 MagJack® (4 Cores) 0811-2X8R-28-F	08112X8R28-F FILE NAME 08112X8R28-FA.DWG	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			PAGE : 3
FENG	03-03-06			.XXX	±0.010		

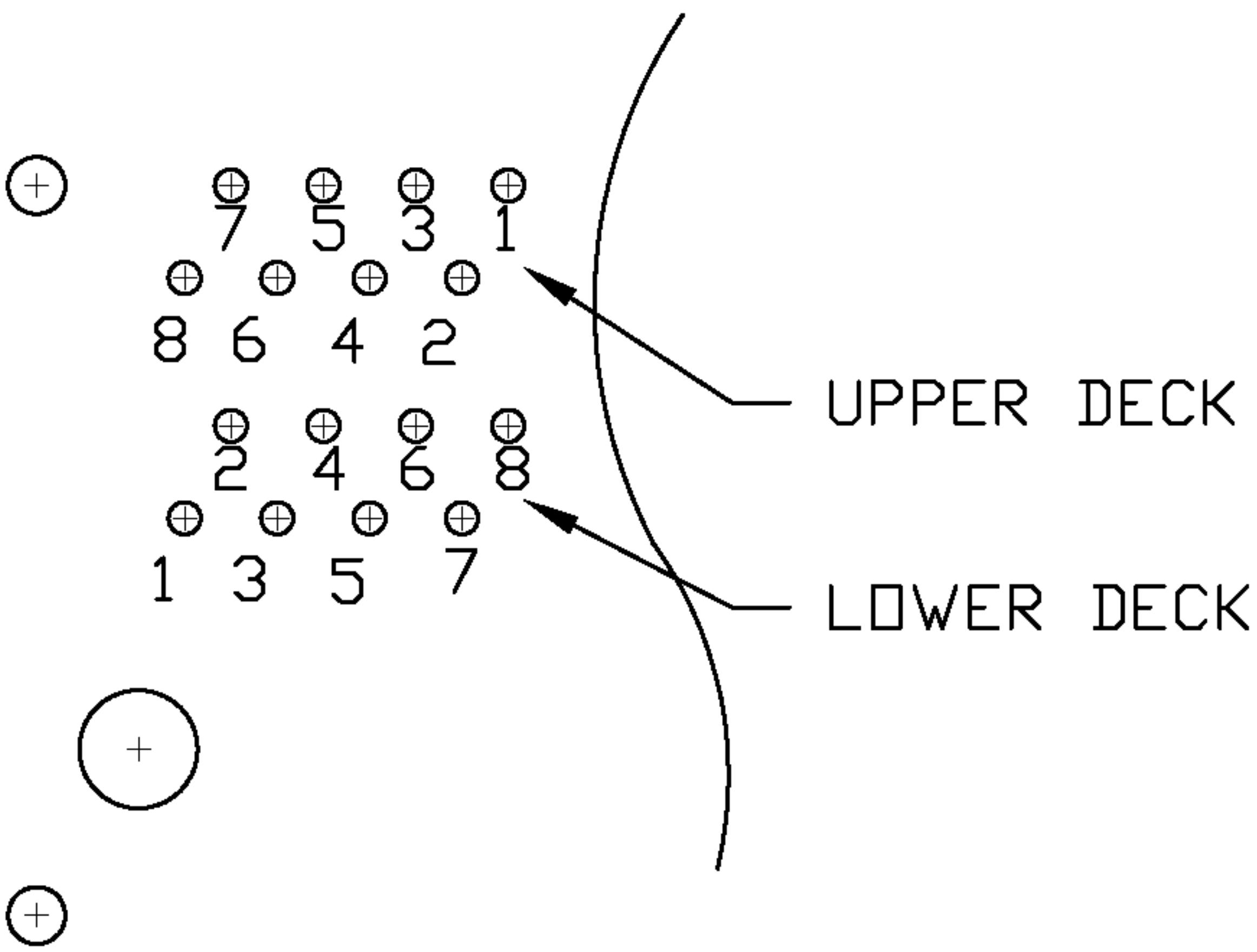


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RoHS
2002/95/EC

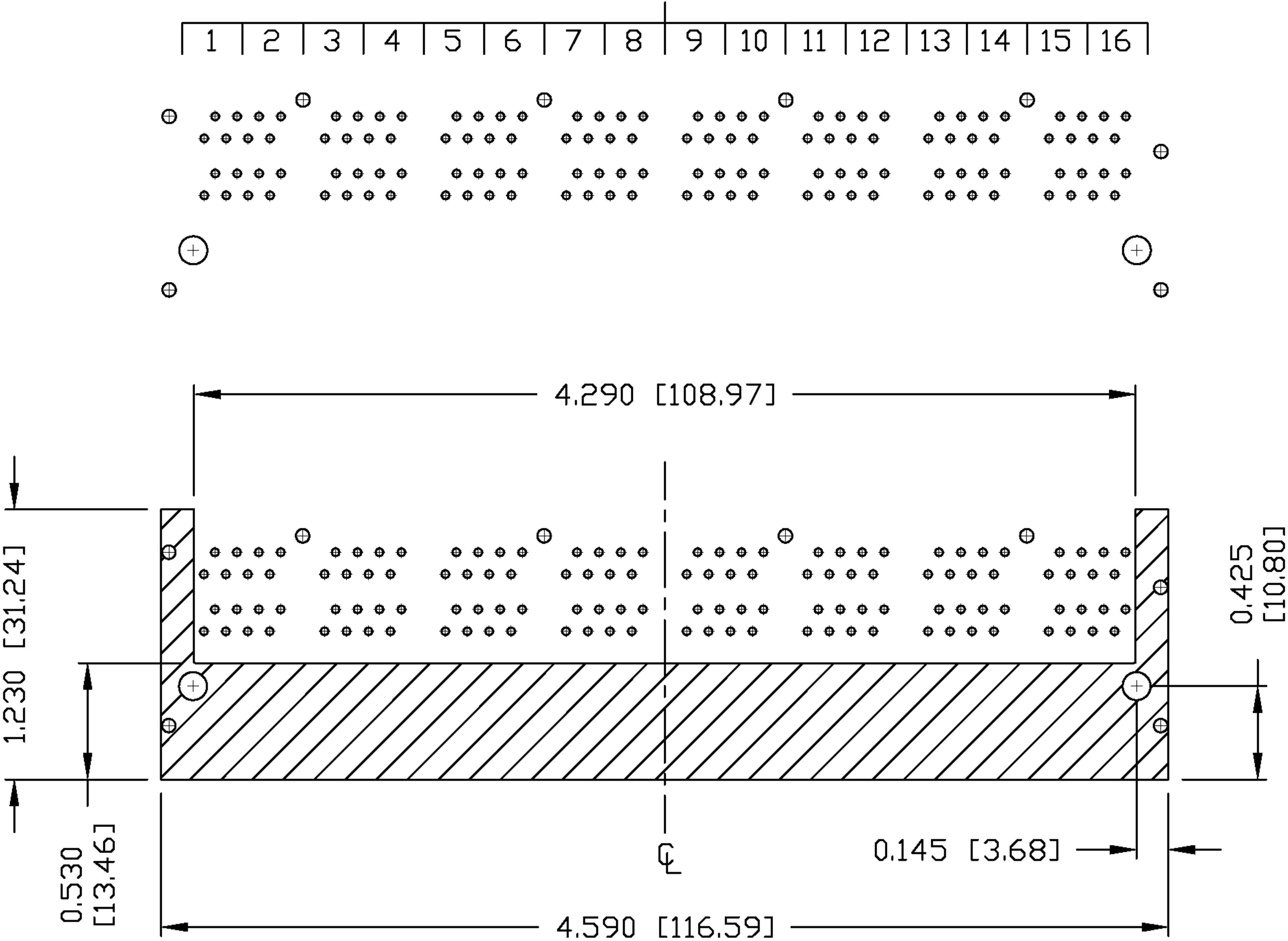


PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

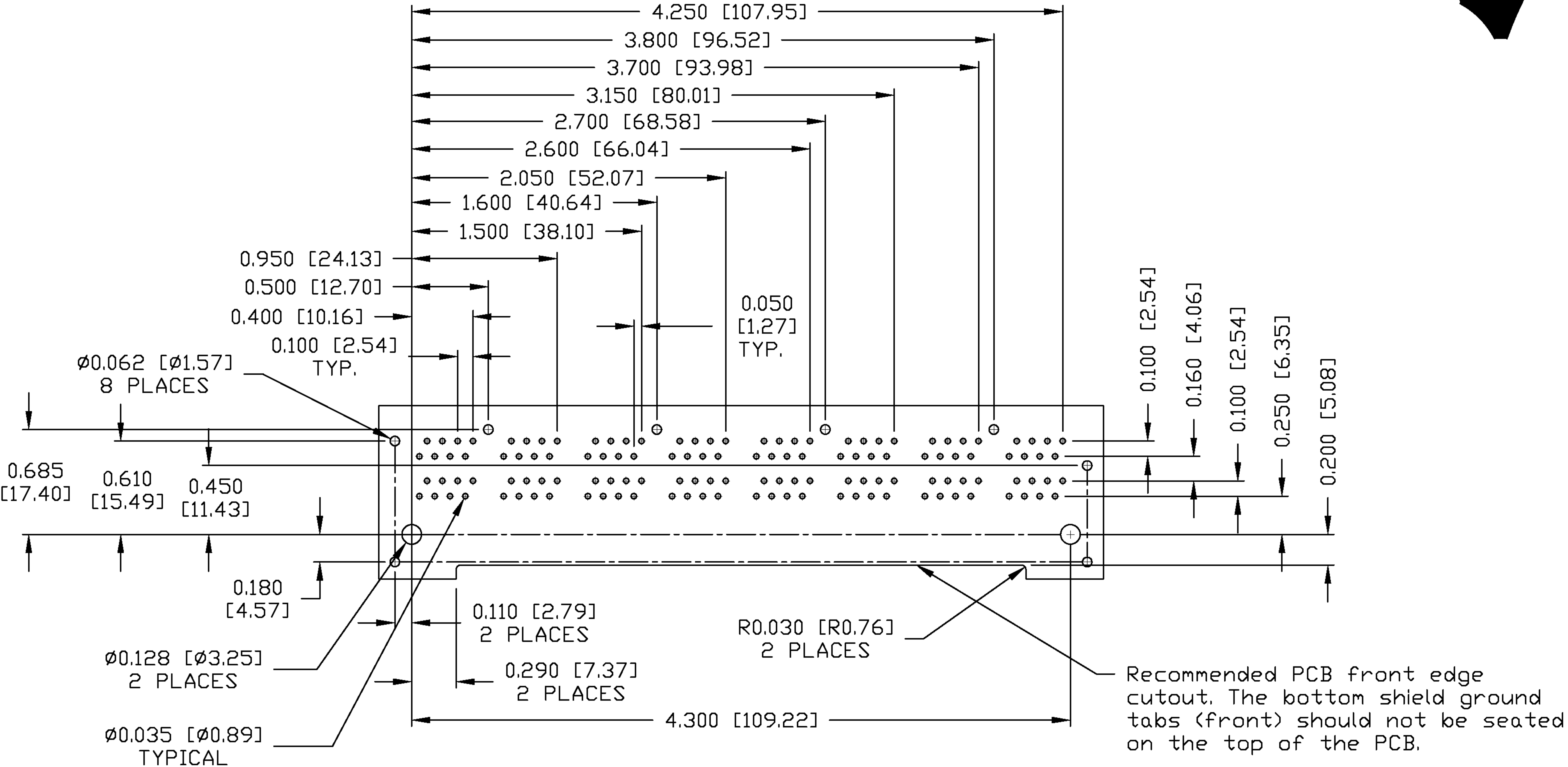
8	GND
7	TCT
6	TD-
5	NC
4	RCT
3	TD+
2	RD-
1	RD+



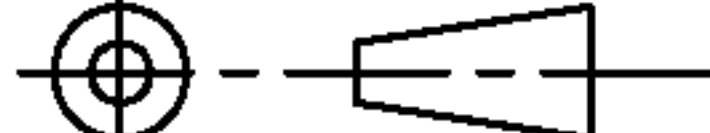
THE SHADED AREA ON THE CUSTOMER BOARD ARE
RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR
COMPONENT PAD.

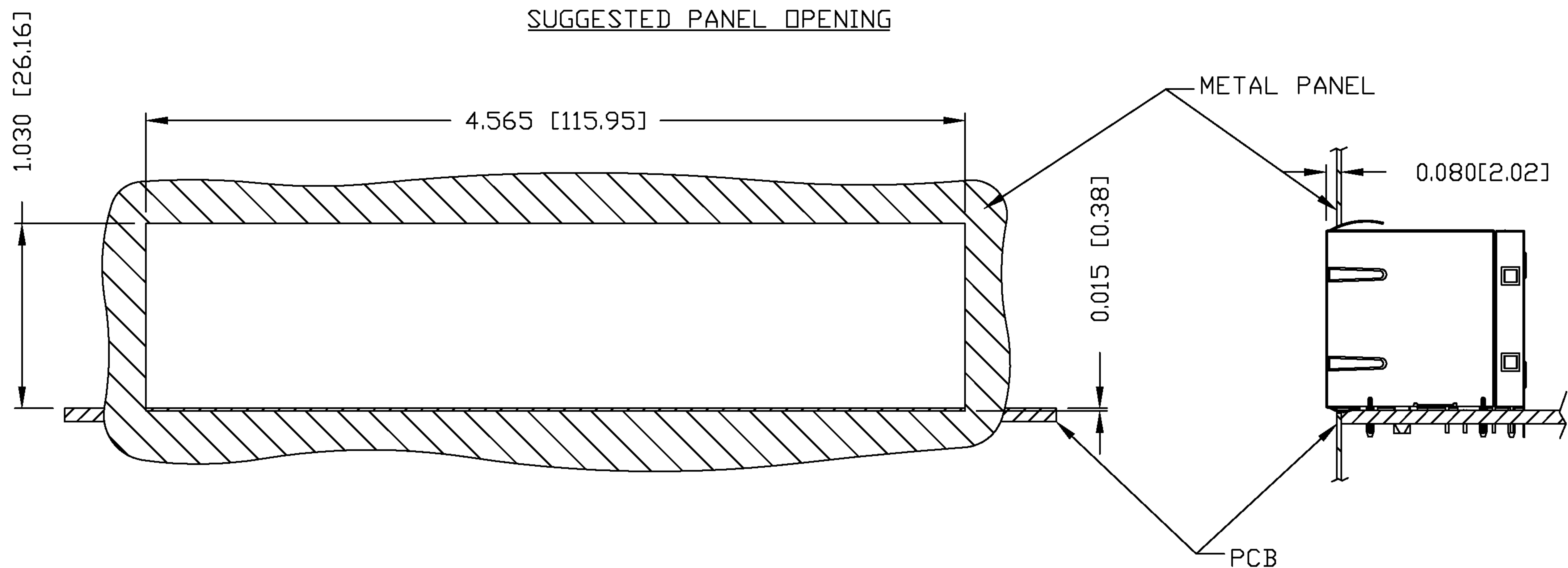
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
QIN	03-03-06	2X8 MagJack® (4 Cores) 0811-2X8R-28-F	08112X8R28-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
FENG	03-03-06		08112X8R28-FA.DWG	.XX	±0.004	PAGE : 4

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SUGGESTED FOOTPRINT
(COMPONENT SIDE VIEW)

ORIGINATED BY		DATE	TITLE 2X8 MagJack® (4 Cores) 0811-2X8R-28-F	PART NO. / DRAWING NO.		STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
QIN		03-03-06		08112X8R28-F		TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY		DATE		FILE NAME		.X		SCALE : N/A	SIZE : A4	
FENG		03-03-06		08112X8R28-FA.DWG		.XX			PAGE : 5	
						.XXX	±0.004			



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. : A
QIN	03-03-06	2X8 MagJack® (4 Cores) 0811-2X8R-28-F	08112X8R28-F FILE NAME 08112X8R28-FA.DWG	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			PAGE : 6
FENG	03-03-06			.XXX	±0.004		

Mouser Electronics

Authorized Distributor

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

Bel:

[0811-2X8R-28-F](#)