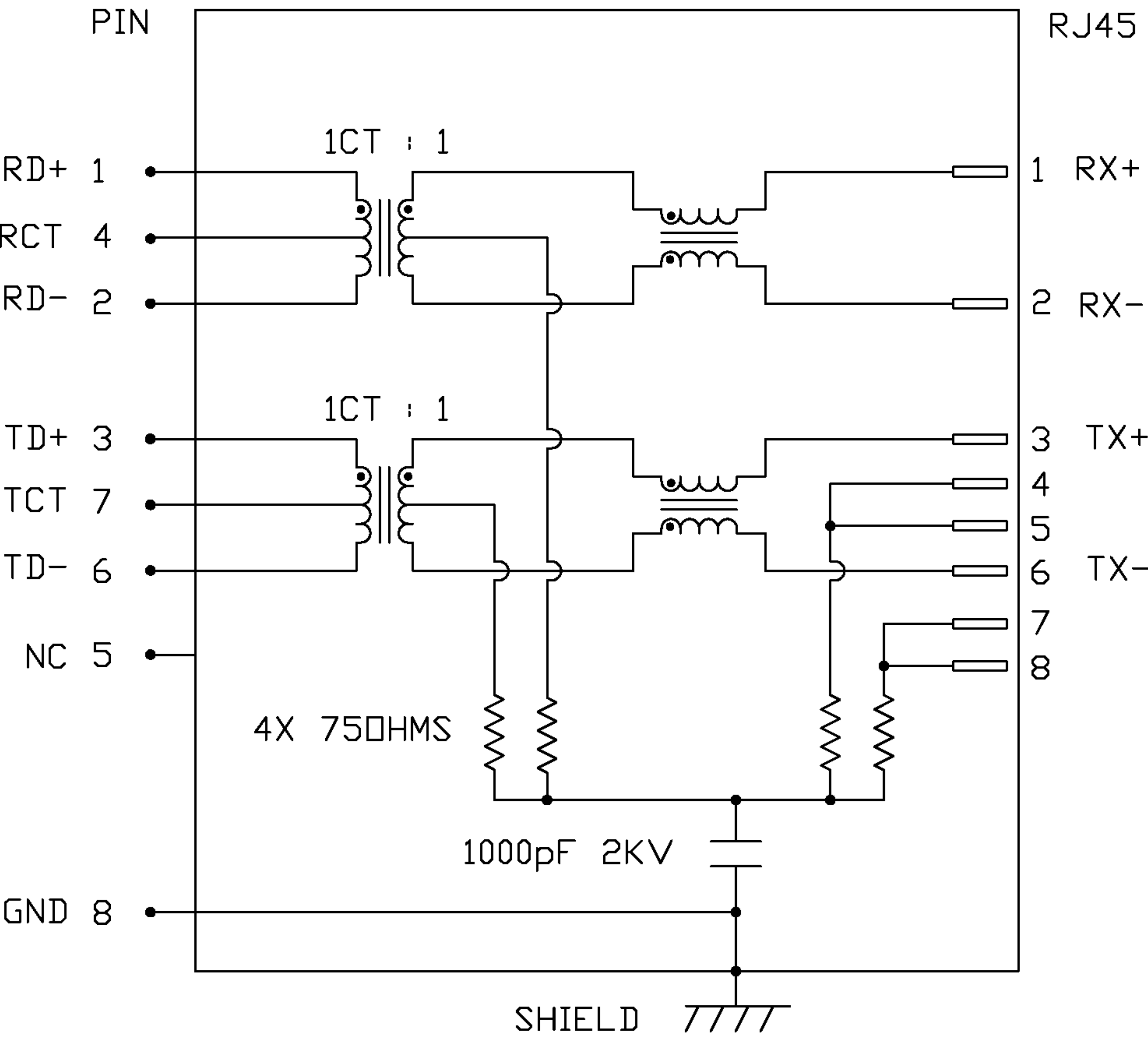




SCHEMATIC

ELECTRICAL CHARACTERISTICS @ 25°C

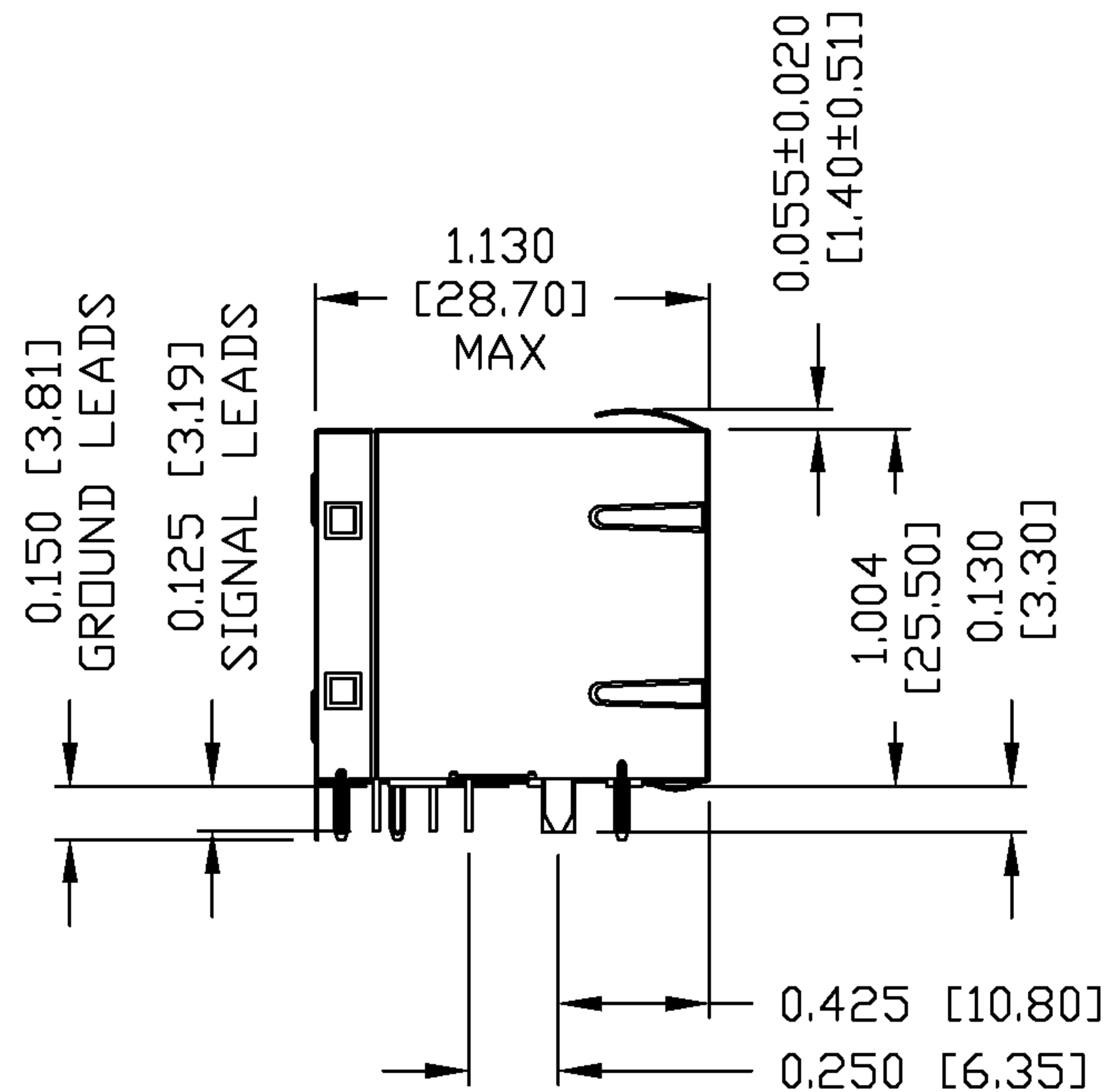
RETURN LOSS (MIN.)	
1MHz-30MHz	-18 dB
60MHz-80MHz	-12 dB
INSERTION LOSS	
100KHz TO 100MHz	-1.1 dB
□CL @ 0.1V, 100KHz	
8mA DC BIAS	350μH MIN.
TURNS RATIO	1CT : 1CT ±3%
CM TO CM REJ	
100kHz - 100MHz	-35 dB MIN
CM TO DM REJ	
100kHz - 100MHz	-40 dB MIN
XTALK	
100KHz TO 100MHz	-35 dB MIN.



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[ ] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
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			

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

RoHS  
2002/95/EC



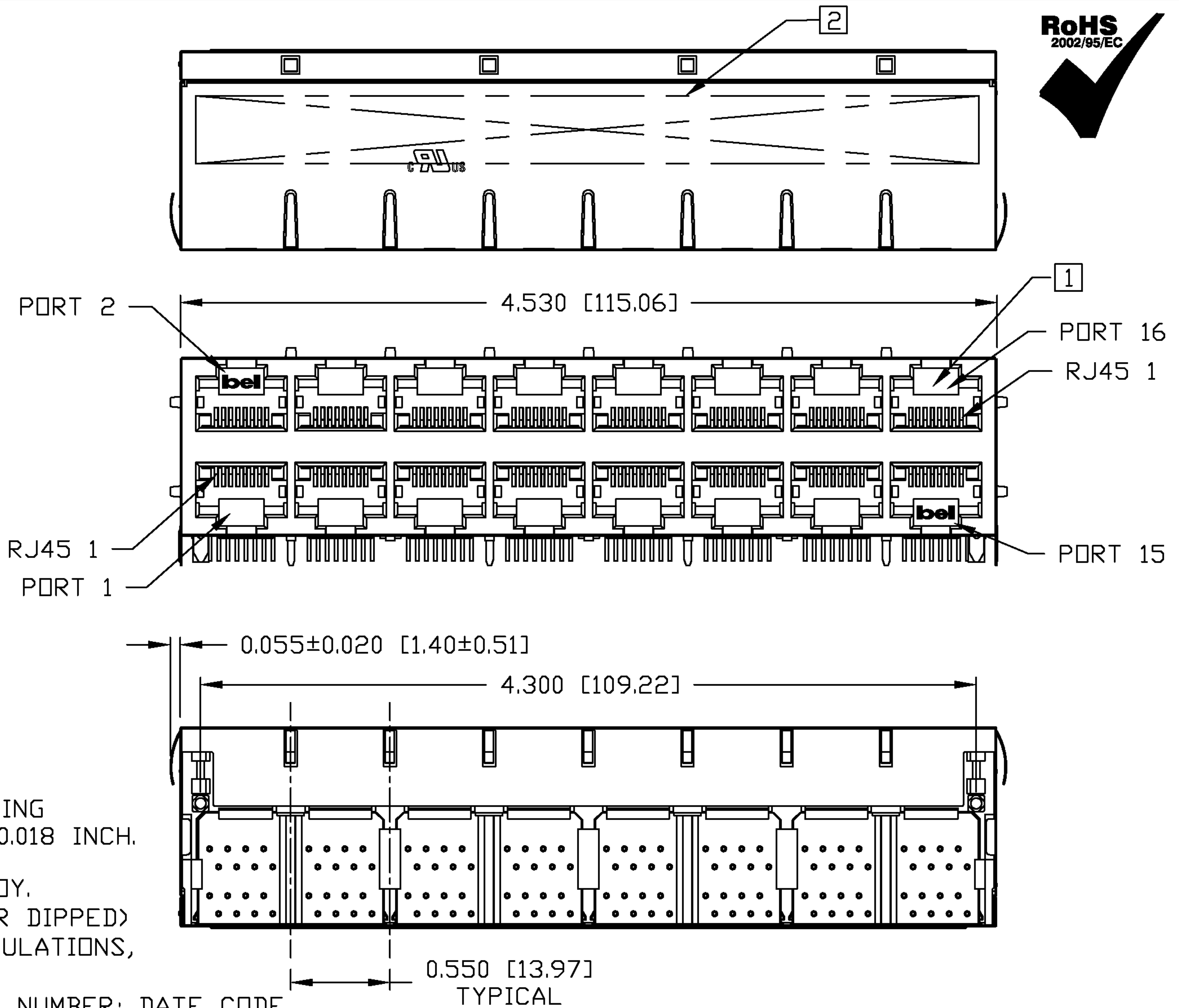
NOTES:

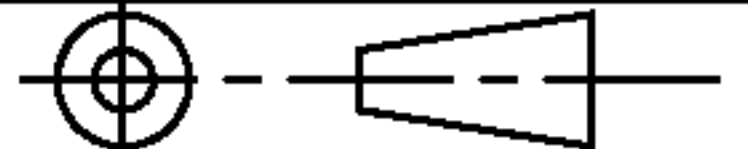
PLASTIC HOUSING: THERMOPLASTIC PBT  
FLAMMABILITY RATING UL 94V-0  
CONTACT PLATING: 30 MICRO-INCH HARD GOLD PLATING  
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.  
SOLDERABILITY: PER MIL STD. 202, METHOD 208.  
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.  
(ALL GROUND LEADS ARE SOLDER DIPPED)

- [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



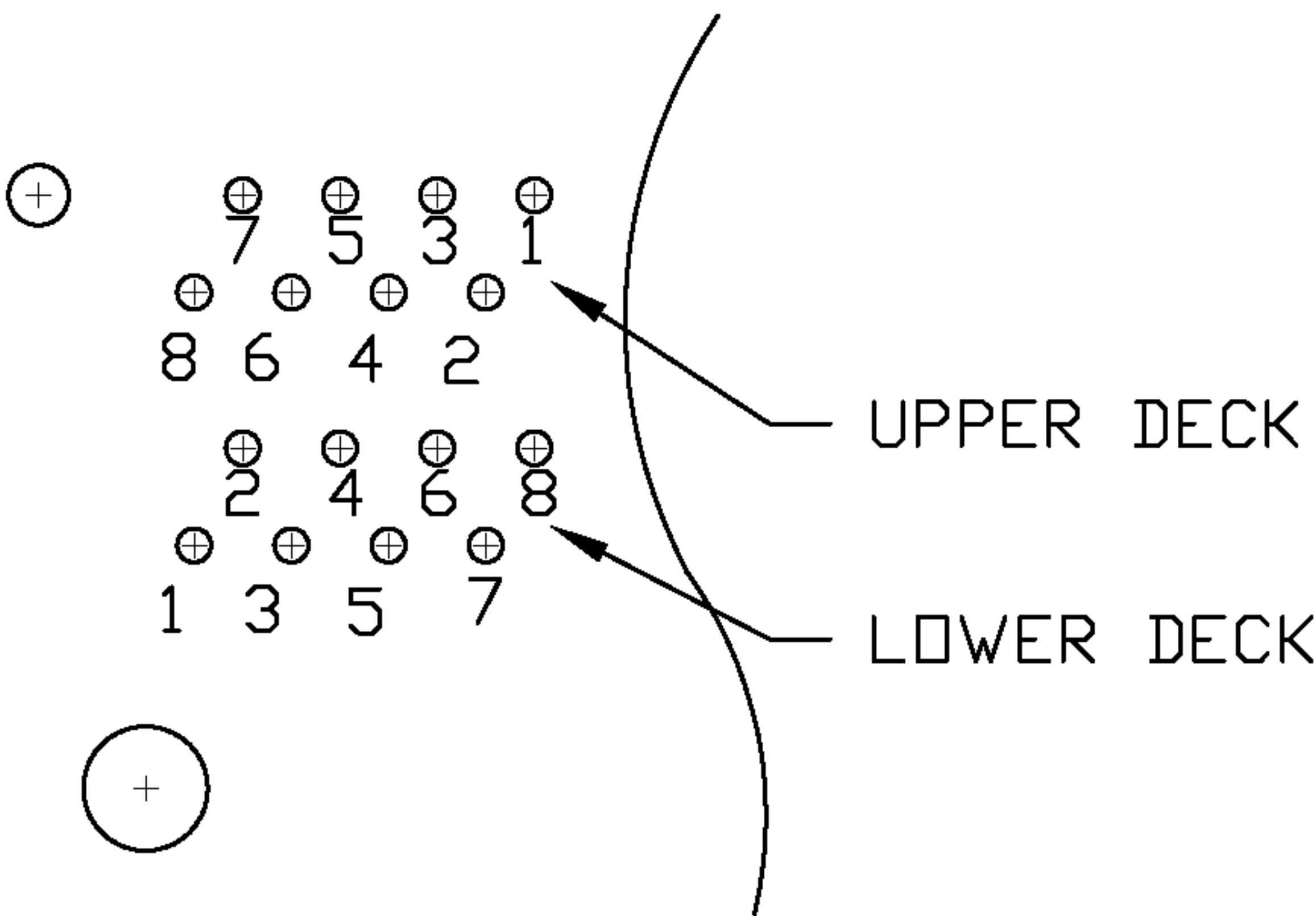
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[ ] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : A
QIN	03-03-06	2X8 MagJack® (4 Cores)	08112X8R28-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 3
				.XXX	±0.010		
FENG	03-03-06	0811-2X8R-28-F	08112X8R28-FA.DWG				



THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

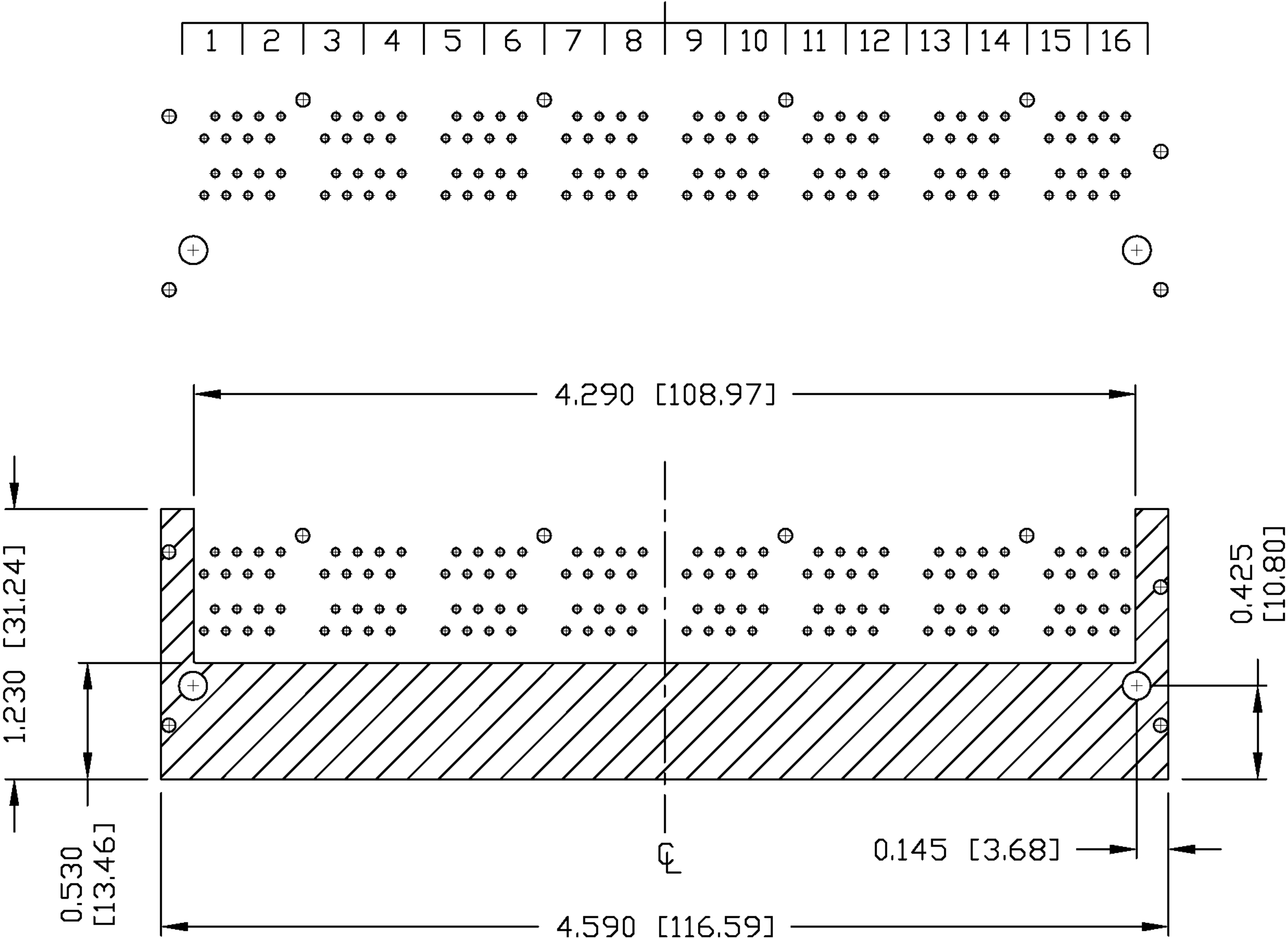


PORT ASSIGNMENT  
(COMPONENT SIDE VIEW)



PIN-OUT INFORMATION  
(COMPONENT SIDE VIEW)

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

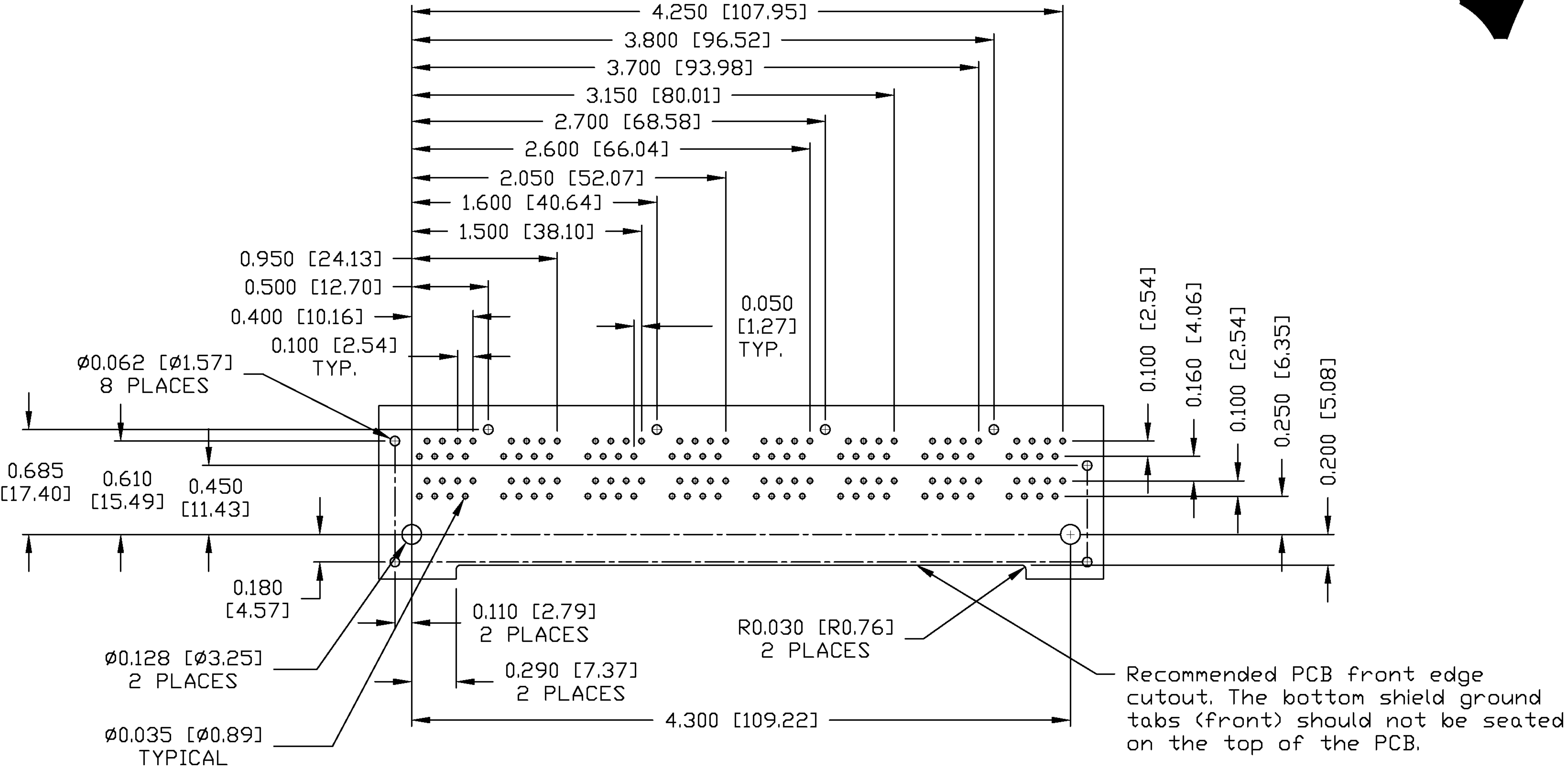


THE SHADED AREA ON THE CUSTOMER BOARD ARE  
RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR  
COMPONENT PAD.

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



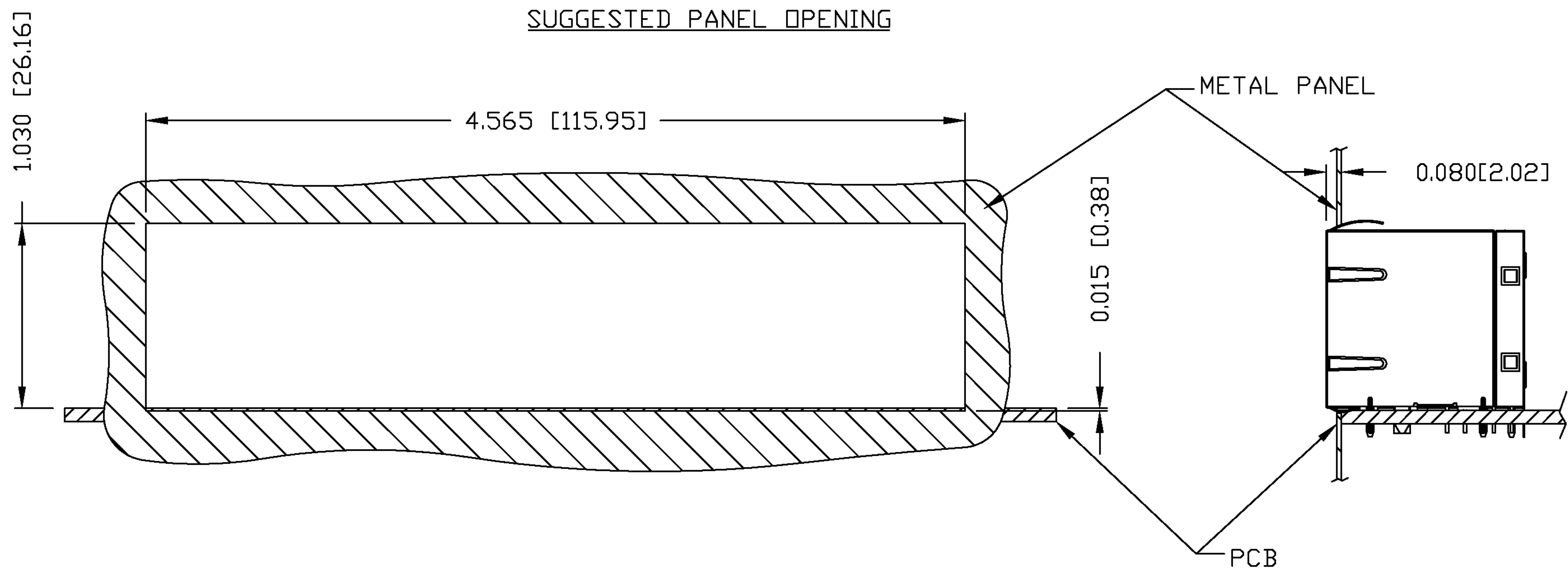
THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.



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](#)