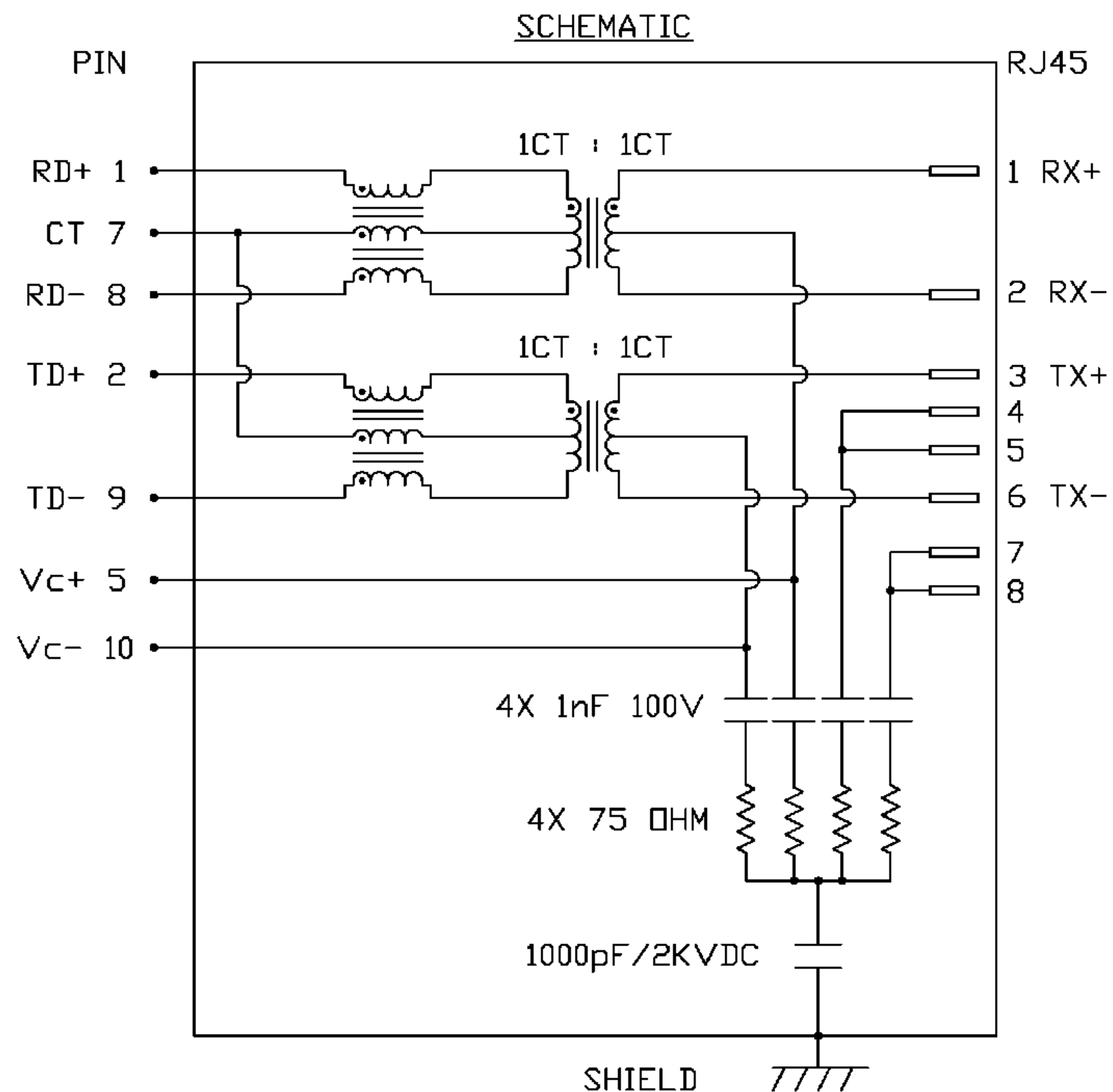


ELECTRICAL CHARACTERISTICS @ 25°C

TEST	TEST	PIN
URNS RATIO	1CT : 1CT $\pm 2\%$	
CL @ 100kHz/100mVRMS		
8mA DC BIAS	350 μ H MIN.	RD+ 1
INSERTION LOSS		
100KHz TO 100MHz	-1.5 dB MAX.	CT 7
RETURN LOSS (MIN.)		RD- 8
2MHz-30MHz	-16 dB MIN.	TD+ 2
60MHz-80MHz	-10 dB MIN.	
LEAKAGE INDUCTANCE		TD- 9
PRIMARY W/ SECONDARY SHORTED	0.25 μ H MAX. @ 1MHz	VC+ 5
D.C. RESISTANCE		VC- 10
(1-8)=(2-9)	1.40 OHM MAX.	
(RJ1-RJ2)=(RJ3-RJ6)	1.0 OHM MAX.	
INTERWINDING CAPACITANCE		
PER CHANNEL (PRI. to SEC.)	40 pF MAX.	
CROSS TALK		
100KHz - 100MHz	-30 dB MIN.	
HIPOT (ISOLATION VOLTAGE)	2250 VDC	
BALANCED DC LINE CURRENT	350mA MAX. @ 57 VDC CONTINUOUS	
	500mA MAX. @ 57 VDC FOR 200 MILLISECONDS	

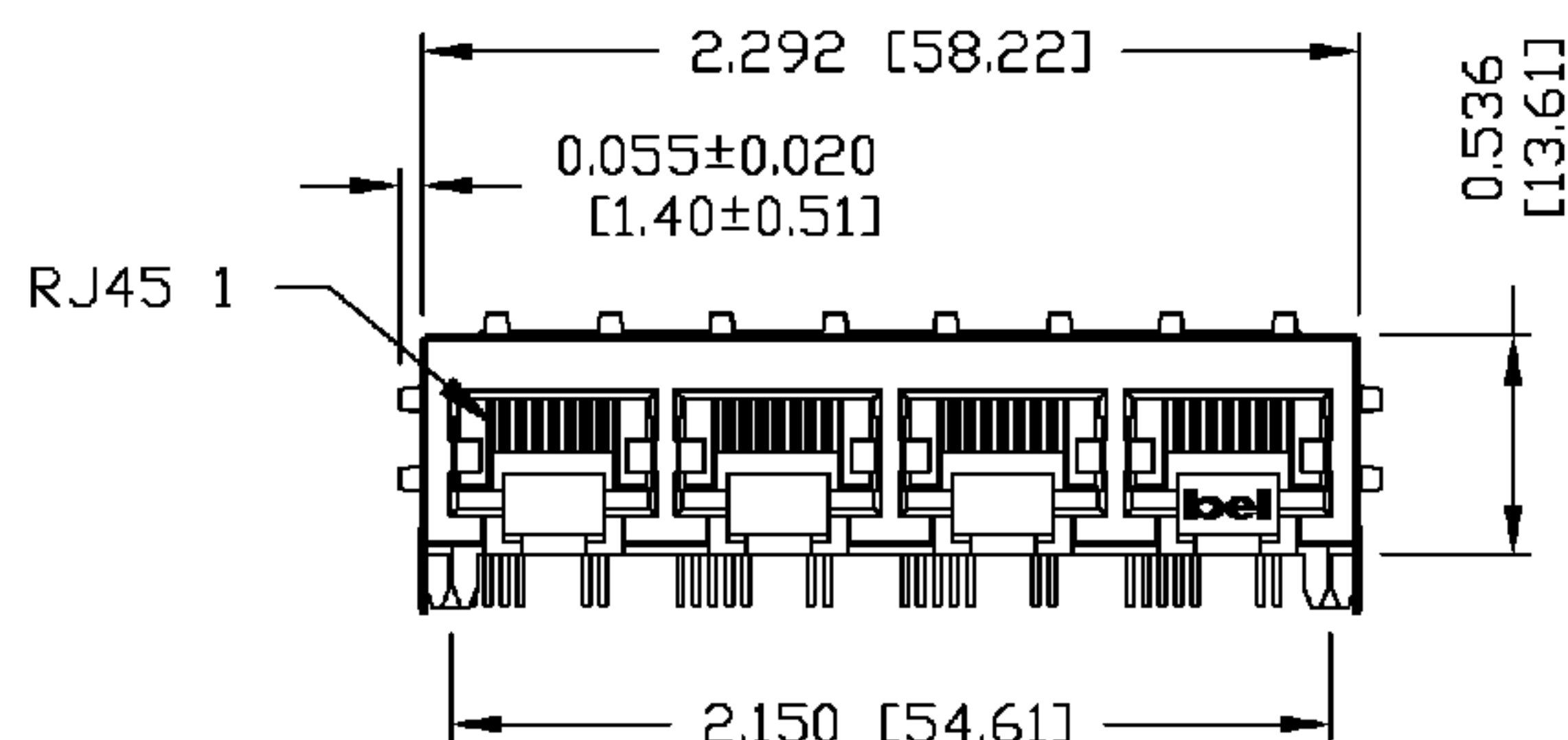
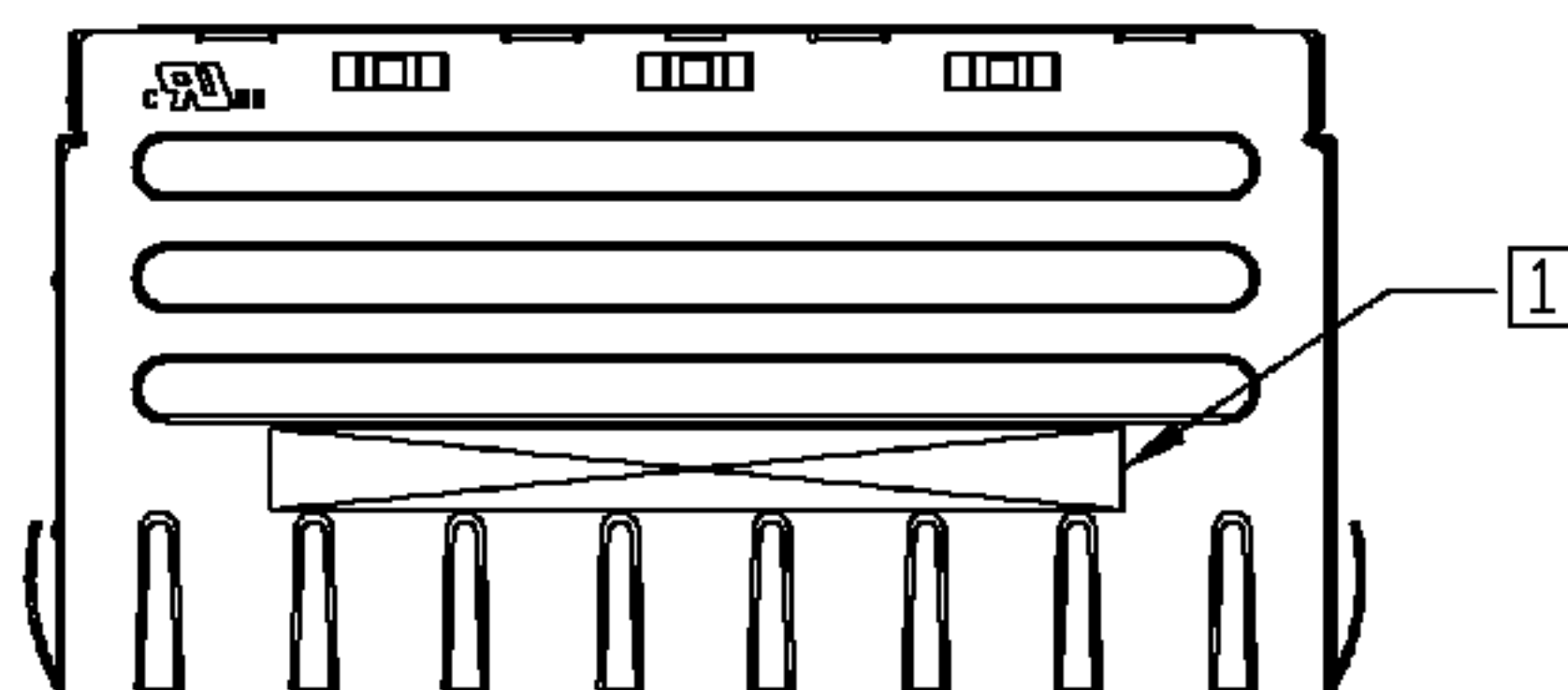


ORIGINATED BY	DATE	TITLE 1X4 MagJack® For 10/100 VDI 0813-1X4T-AA-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 bel COMPONENTS FOR A CONNECTED PLANET	
CHUNG	10-26-06		08131X4TAA-F	TOL. IN INCH		UNIT : INCH [mm]			REV. : PA
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A			SIZE : A4
DE	10-26-06		08131X4TAA-FPA.DWG	.XX					
			.XXX						
							PAGE : 2		

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PRELIMINARY

RoHS
2002/95/EC



NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0

CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING

PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.

METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.

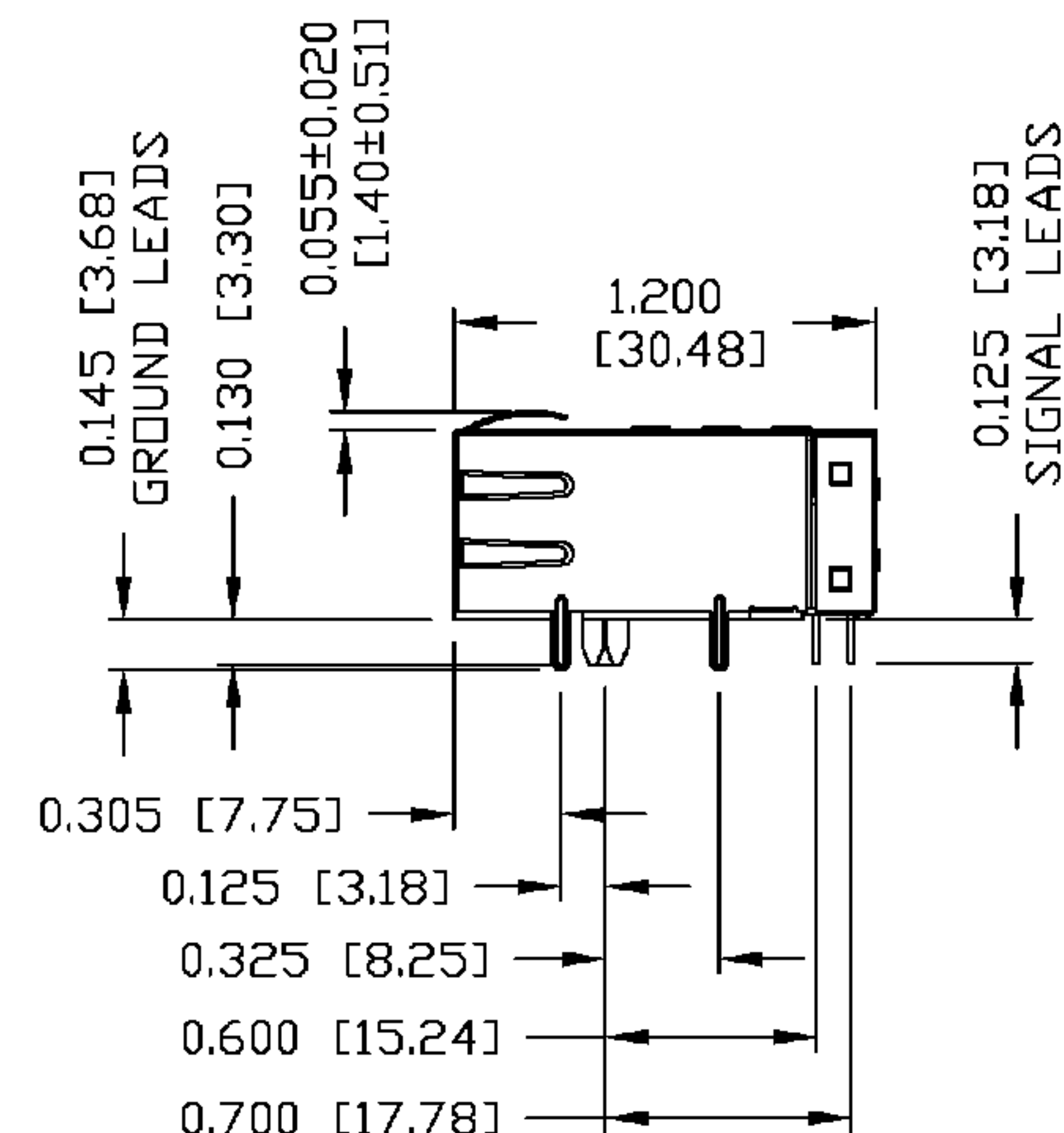
(ALL GROUND LEADS ARE SOLDER DIPPED)

[1] MARK PART WITH MFG. LOGO; MFG. NAME; PART NUMBER; DATE CODE.

cUL US UL RECOGNIZED - FILE #E196366 AND E169987.

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

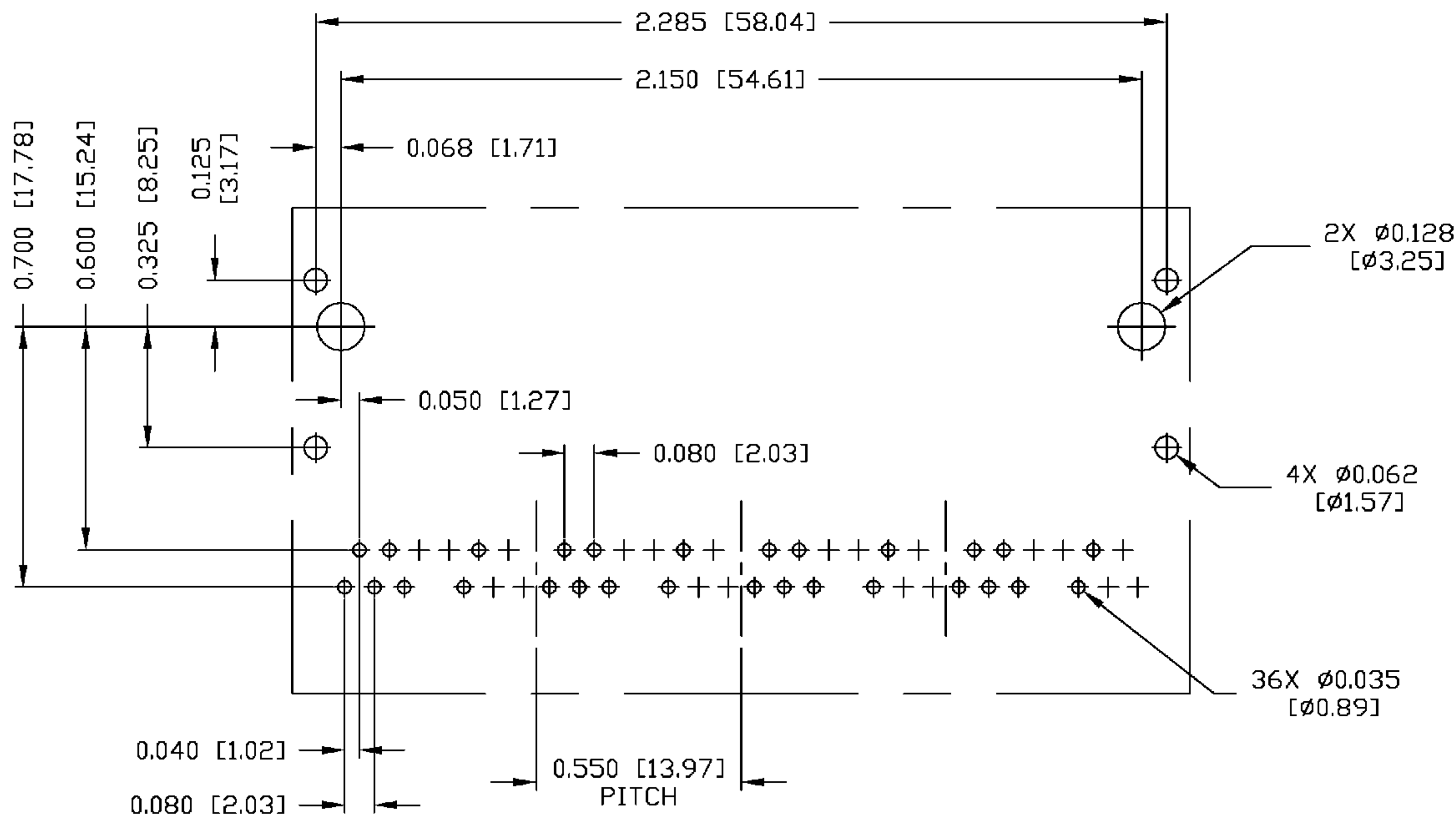
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.



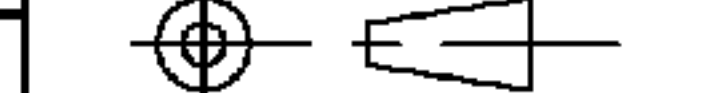
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : PA
BILL	10-26-06	1X4 MagJack® For 10/100 VOIP 0813-1X4T-AA-F	08131X4TAA-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			PAGE : 3
QIN	10-26-06			.XXX	±0.010		

bel
COMPONENTS FOR A
CONNECTED
PLANET

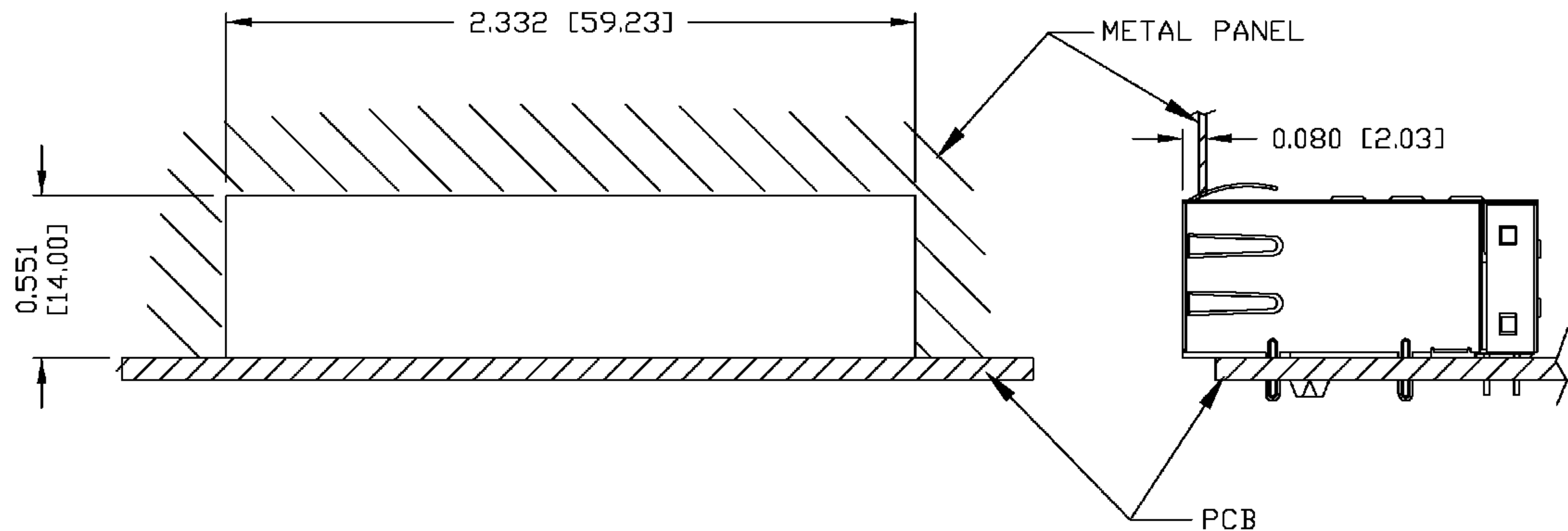
PRELIMINARY



RECOMMENDED PCB FOOTPRINT
(COMPONENT SIDE VIEW)

ORIGINATED BY BILL	DATE 10-26-06	TITLE 1X4 MagJack® For 10/100 VOIP 0813-1X4T-AA-F	PART NO. / DRAWING NO. 08131X4TAA-F	STANDARD DIM. TOL. IN INCH .X .XX .XXX ±0.004	[] METRIC DIM. AS REFERENCE		
DRAWN BY QIN	DATE 10-26-06		FILE NAME 08131X4TAA-FPA.DWG		UNIT : INCH [mm]	REV. : PA	
					SCALE : N/A	SIZE : A4	
						PAGE : 5	

SUGGESTED PANEL OPENING



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: 0200-0148-37 (TOP)
0200-0148-38 (BOTTOM)

PACKING QUANTITY: 20 PCS FINISHED GOODS PER TRAY
8 TRAYS (160 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 1X4 MagJack® For 10/100 VOIP 0813-1X4T-AA-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS OR A CONNECTED PLANET
BILL	10-26-06		08131X4TAA-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : PA	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
QIN	10-26-06	08131X4TAA-FPA.DWG	.XX			PAGE : 6		
				.XXX	±0.004			