

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.

LED1 POLARITY			LED2 POLARITY		
PIN 7	PIN 8	COLOR	PIN 9	PIN 10	COLOR
-	+	YELLOW	+	-	ORANGE
			-	+	GREEN



ELECTRICAL CHARACTERISTICS @ 25°C

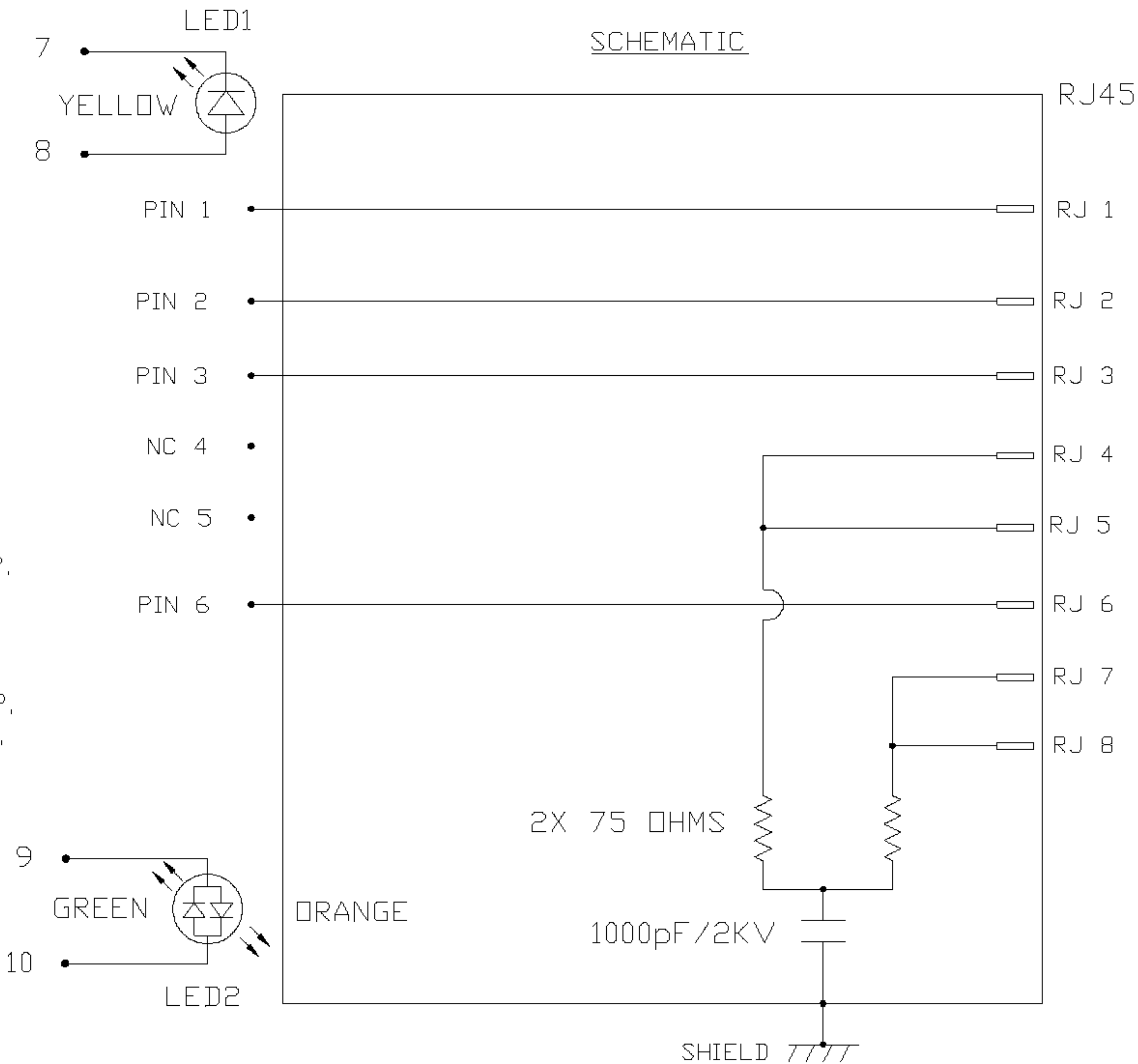
CONNECT TEST:

- RJ PIN1 - OUTPUT PIN1: SHORT
- RJ PIN2 - OUTPUT PIN2: SHORT
- RJ PIN3 - OUTPUT PIN3: SHORT
- RJ PIN6 - OUTPUT PIN6: SHORT

USB ELECTRICAL:

- INSULATION RESISTANCE: 1000 MEGAΩ (MIN)
- CONTACT RESISTANCE: 25 MILLIΩ (MAX)
- DIELECTRIC WITHSTANDING: 750 VAC

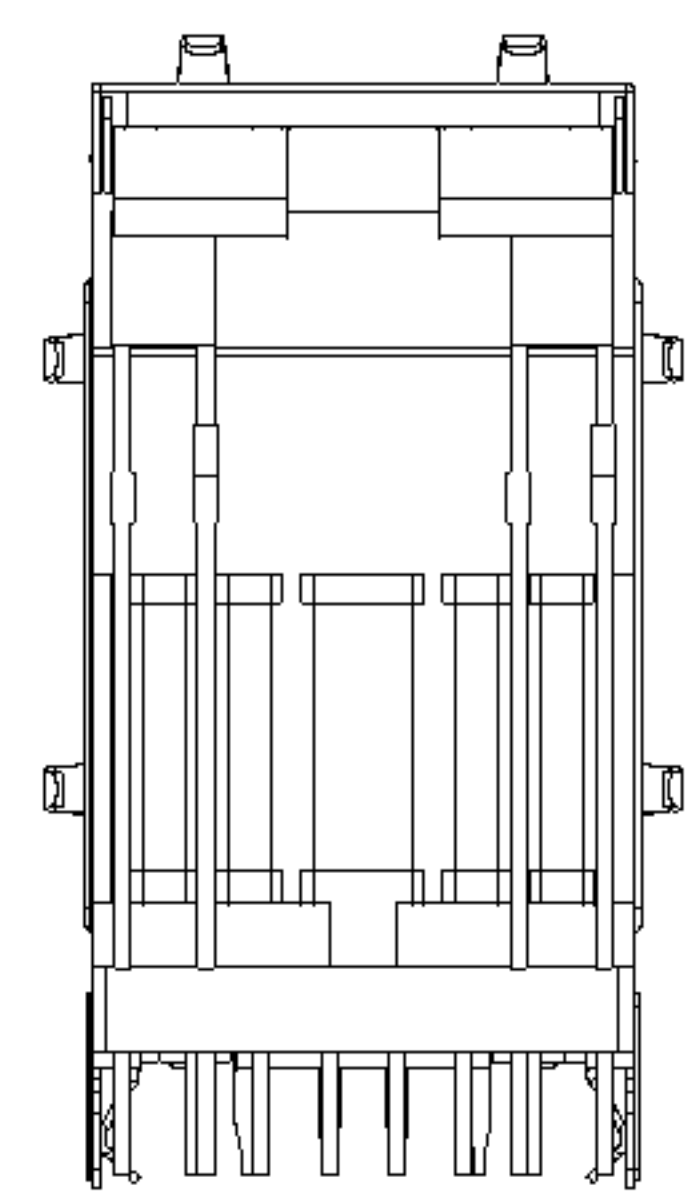
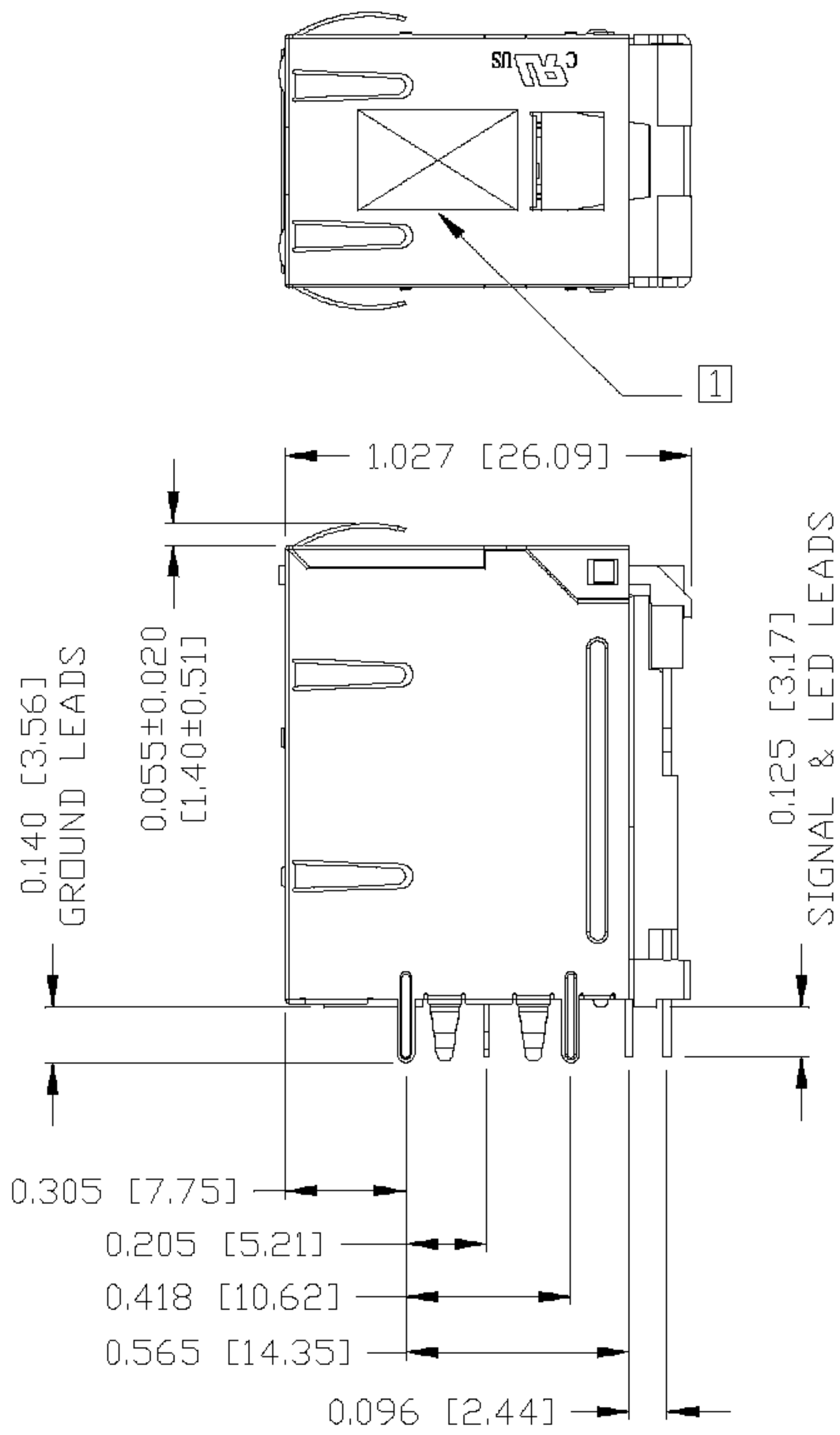
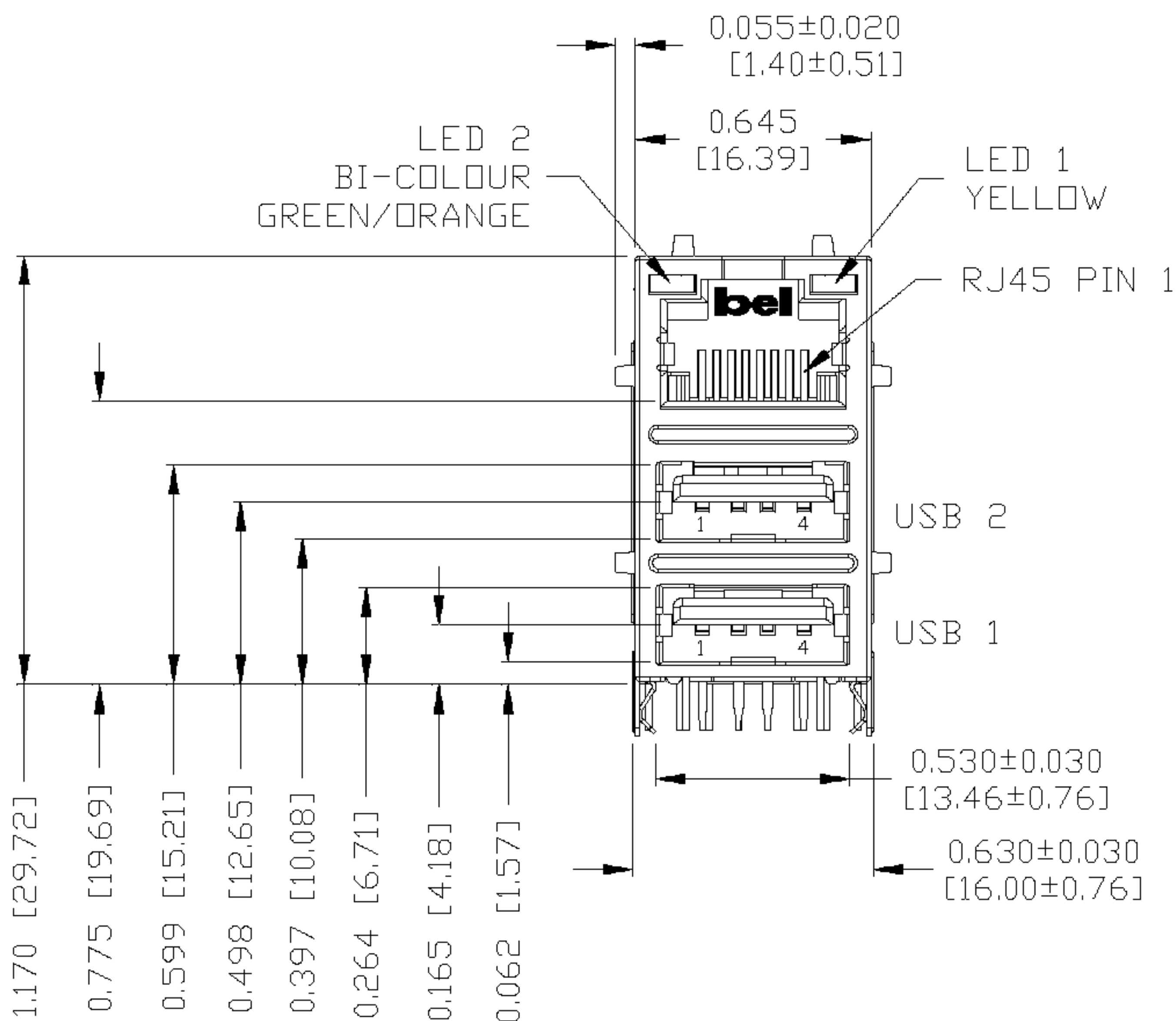
LED 1			
VF (FORWARD VOLTAGE)	IF=20mA	YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	590nm TYP.
LED 2			
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		ORANGE	2.0V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		ORANGE	610nm TYP.

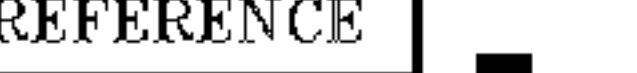


ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE				
CHUNG	04-12-07				TOL. IN INCH	UNIT : INCH [mm]		REV. : A	
DRAWN BY	DATE			FILE NAME	.X			SCALE : N/A	SIZE : A4
DE	04-12-07				.XX			.XXX	
		08C21X1T00A.DWG							
		PASSIVE CONNECTOR							

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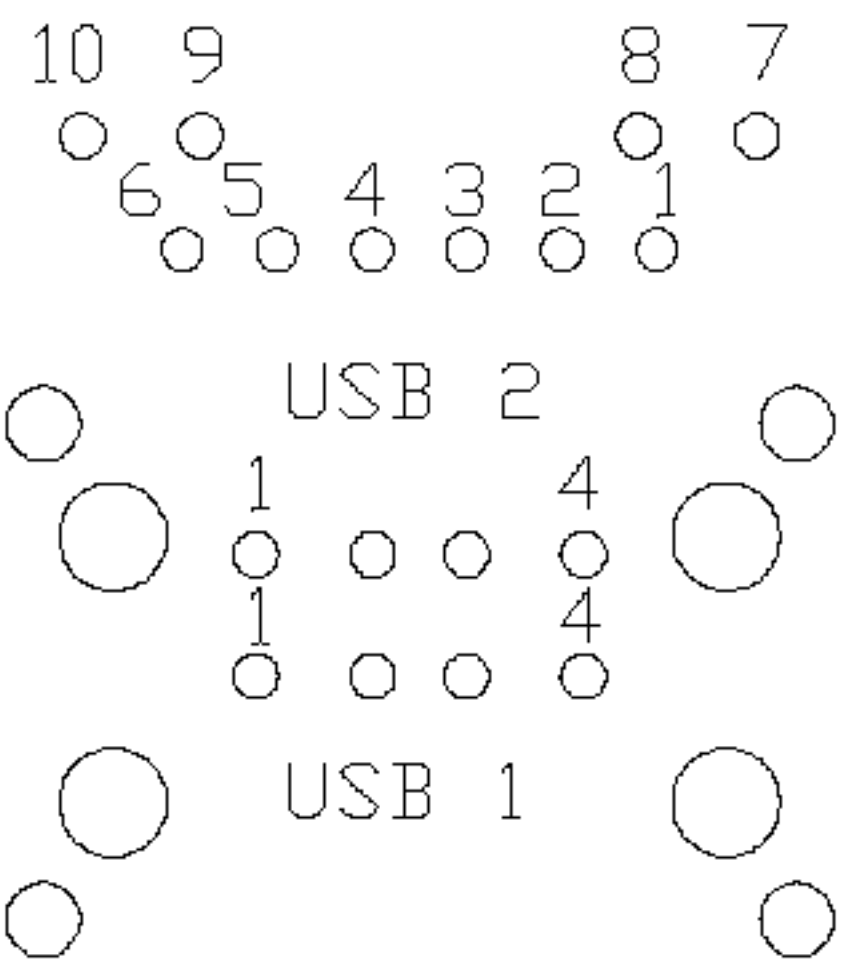
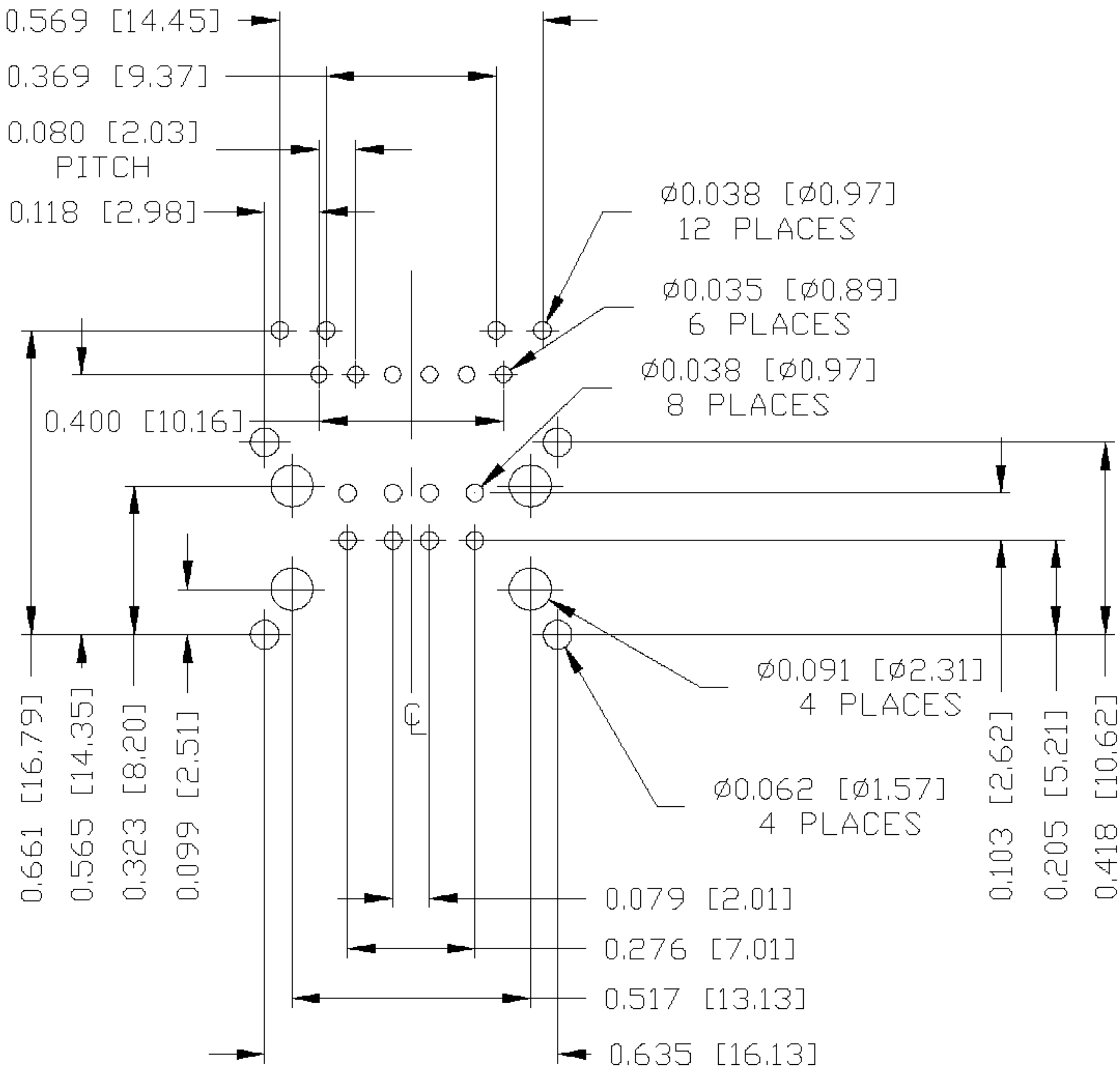
MECHANICAL SPECIFICATION



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS OR A CONNECTED PLANET
QIN/BILL	04-12-07			TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE			.X		SCALE : N/A	SIZE : A4	
TING	04-12-07			.XX				
		.XXX	±0.010					
PASSIVE CONNECTOR			FILE NAME					
			08C21X1T00A.DWG					



Recommended PCB footprint
Component Side



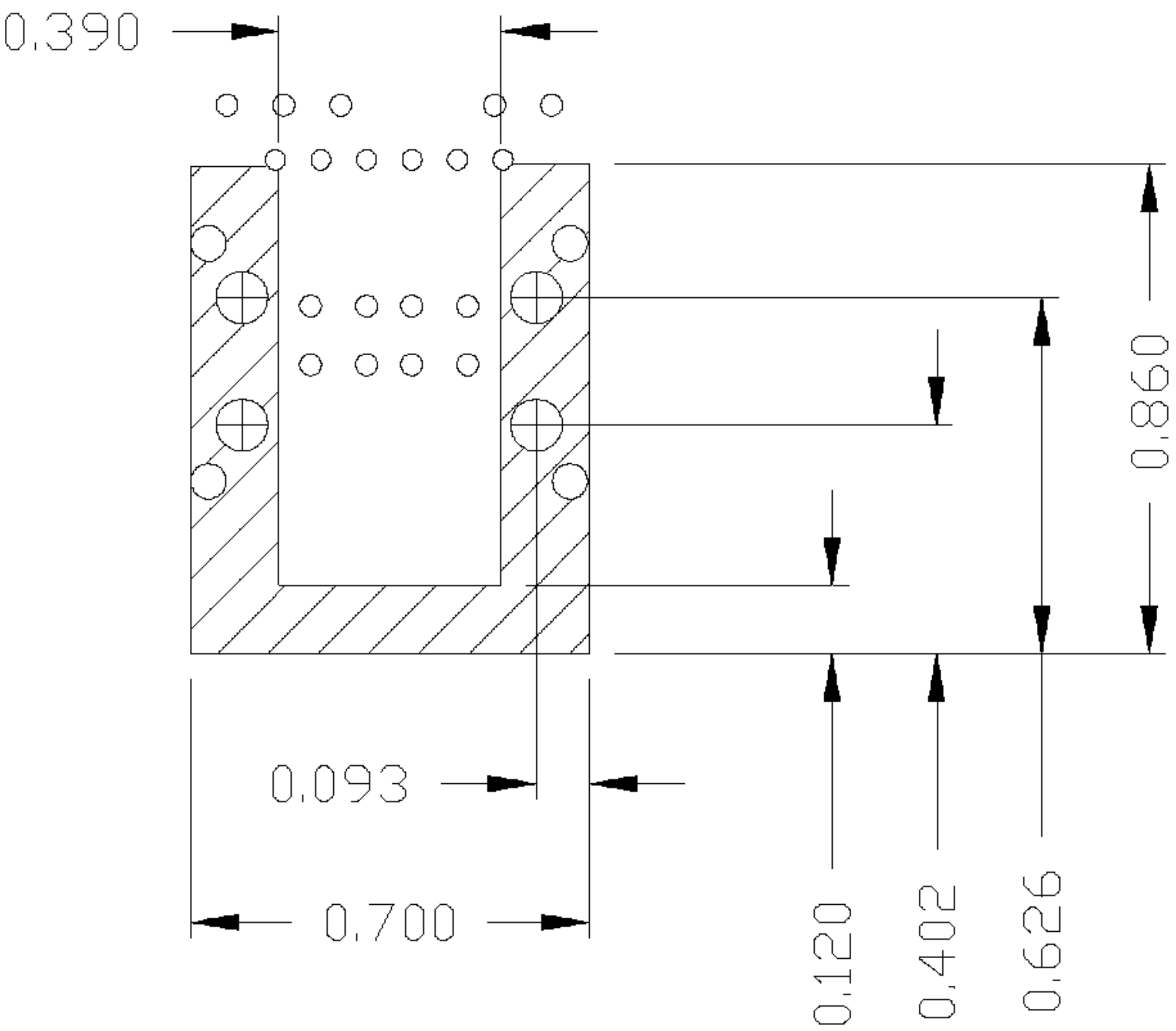
RJ45 MECHANICAL:
PLASTIC HOUSING: THERMOPLASTIC PBT OR EQUIVALENT.
FLAMMABILITY RATING UL 94V-0
CONTACT PLATING: 30 MICRO-INCH HARD GOLD PLATING
PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)
UL US UL RECOGNIZED - FILE #E196366 AND E169987.
1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.
2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.
DIMENSIONS AND TOLERANCES COMPLY WITH FCC/CFR 47, PART 68.

USB MECHANICAL:
MATING FORCE: 35 NEWTONS MAXIMUM
UNMATING FORCE: 10 NEWTONS MINIMUM
CONTACT: PHOSPHOR BRONZE
30 MICRO-INCH GOLD PLATING ON CONTACT AREA AND TIN ON SOLDER TAIL.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.		STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
QIN/BILL	04-12-07		08C2-1X1T-00		TOL. IN INCH		UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME				SCALE : N/A	SIZE : A4
TING	04-12-07	PASSIVE CONNECTOR	08C21X1T00A.DWG					PAGE : 4



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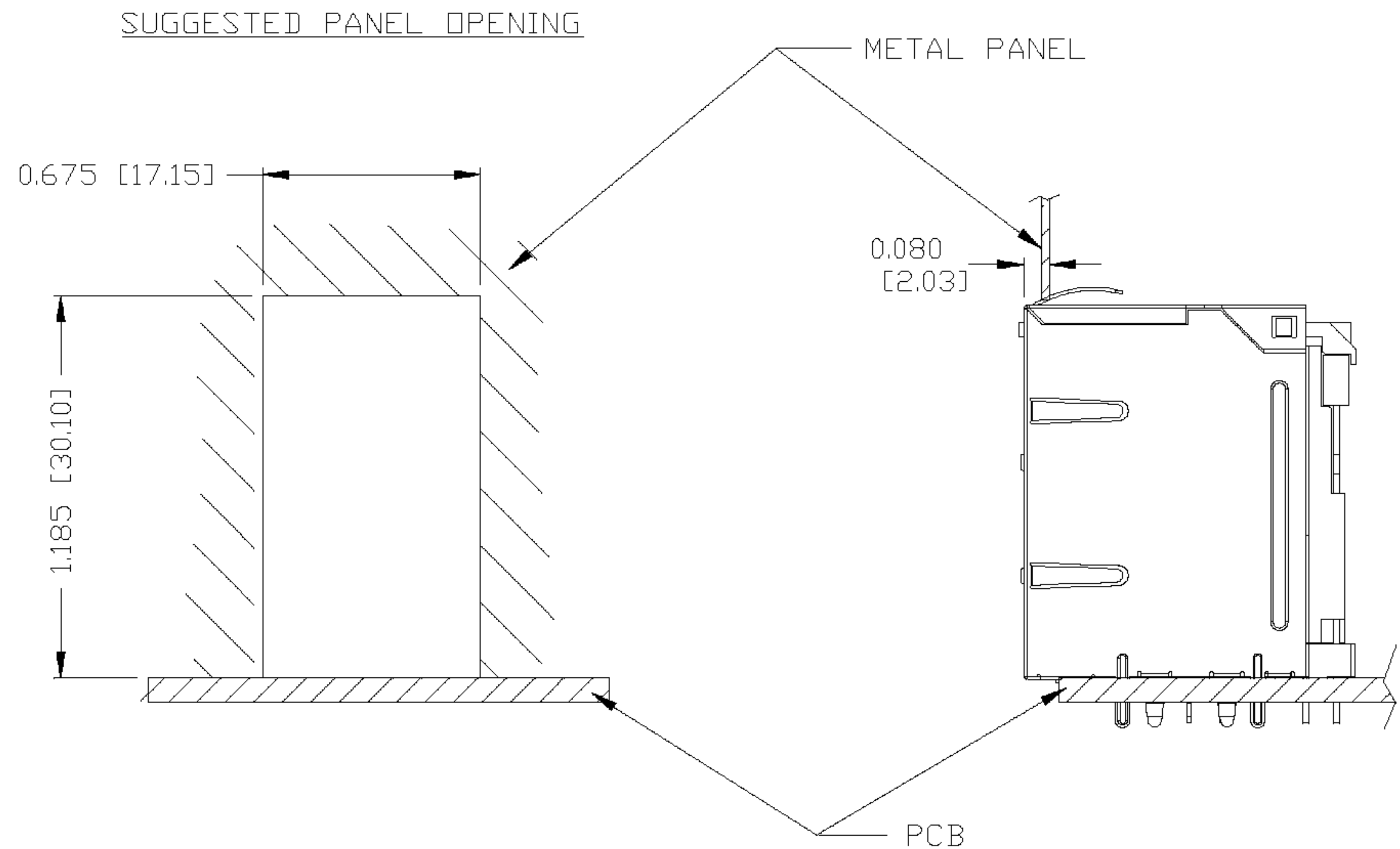
NOTES

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

ORIGINATED BY	DATE	TITLE PASSIVE CONNECTOR	PART NO. / DRAWING NO.		STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
QIN/BILL	04-12-07		08C2-1X1T-00		TOL. IN INCH		UNIT : INCH [mm] REV. : A	
DRAWN BY	DATE		FILE NAME 08C21X1T00A.DWG		.X		SCALE : N/A SIZE : A4	
TING	04-12-07				.XX		PAGE : 5	
					.XXX		±0.004	



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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-A3

PACKING QUANTITY : 42 PCS FINISHED GOODS PER TRAY

10 TRAYS (420 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	
QIN/BILL	04-12-07	PASSIVE CONNECTOR	08C2-1X1T-00	TOL. IN INCH	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
TING	04-12-07		08C21X1T00A.DWG	.XX		PAGE : 6
				.XXX	±0.004	

