

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.

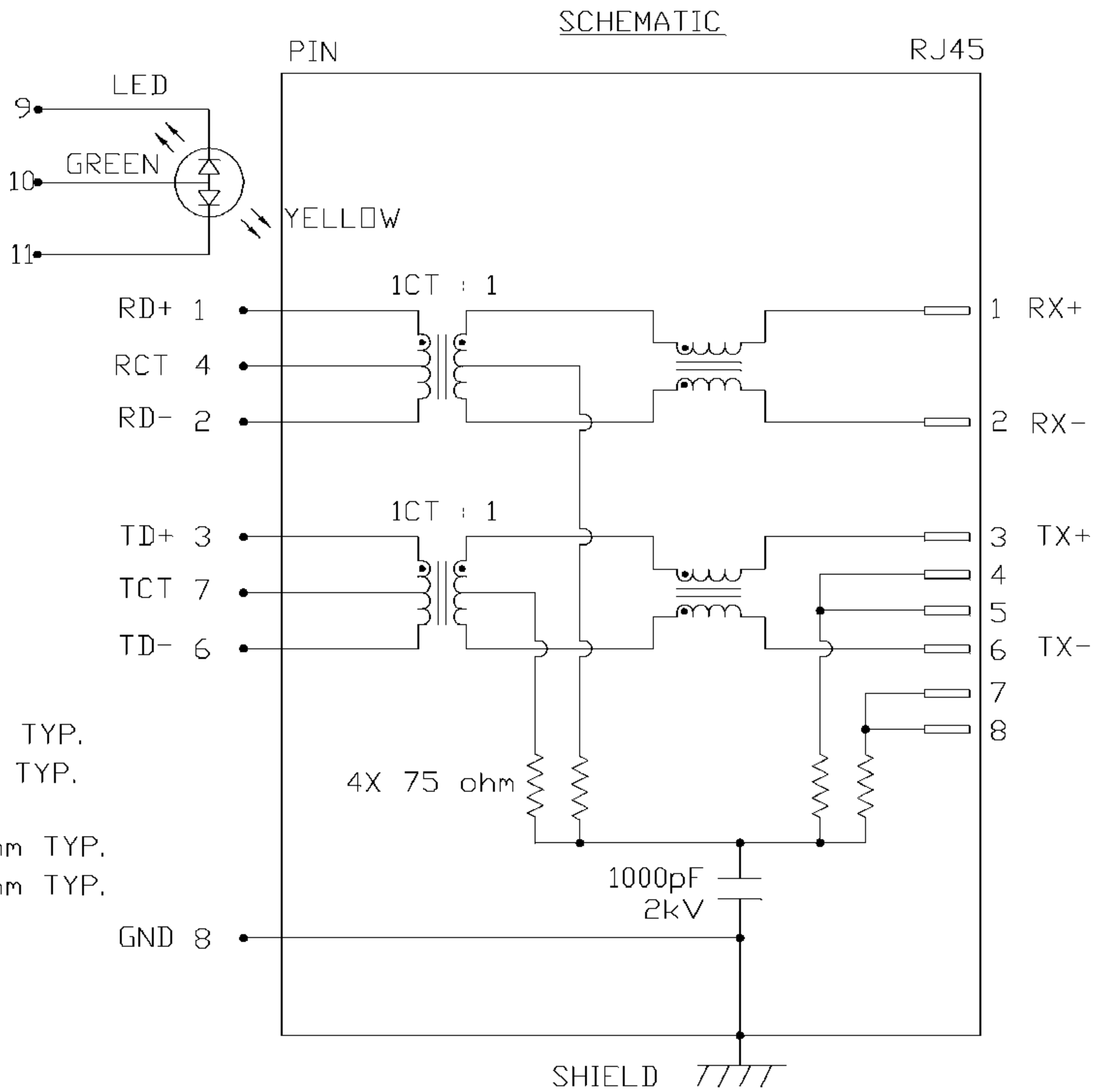


LED POLARITY			
PIN 9	PIN 10	PIN 11	COLOR
-	+	/	GREEN
/	+	-	YELLOW

ELECTRICAL CHARACTERISTICS @ 25°C

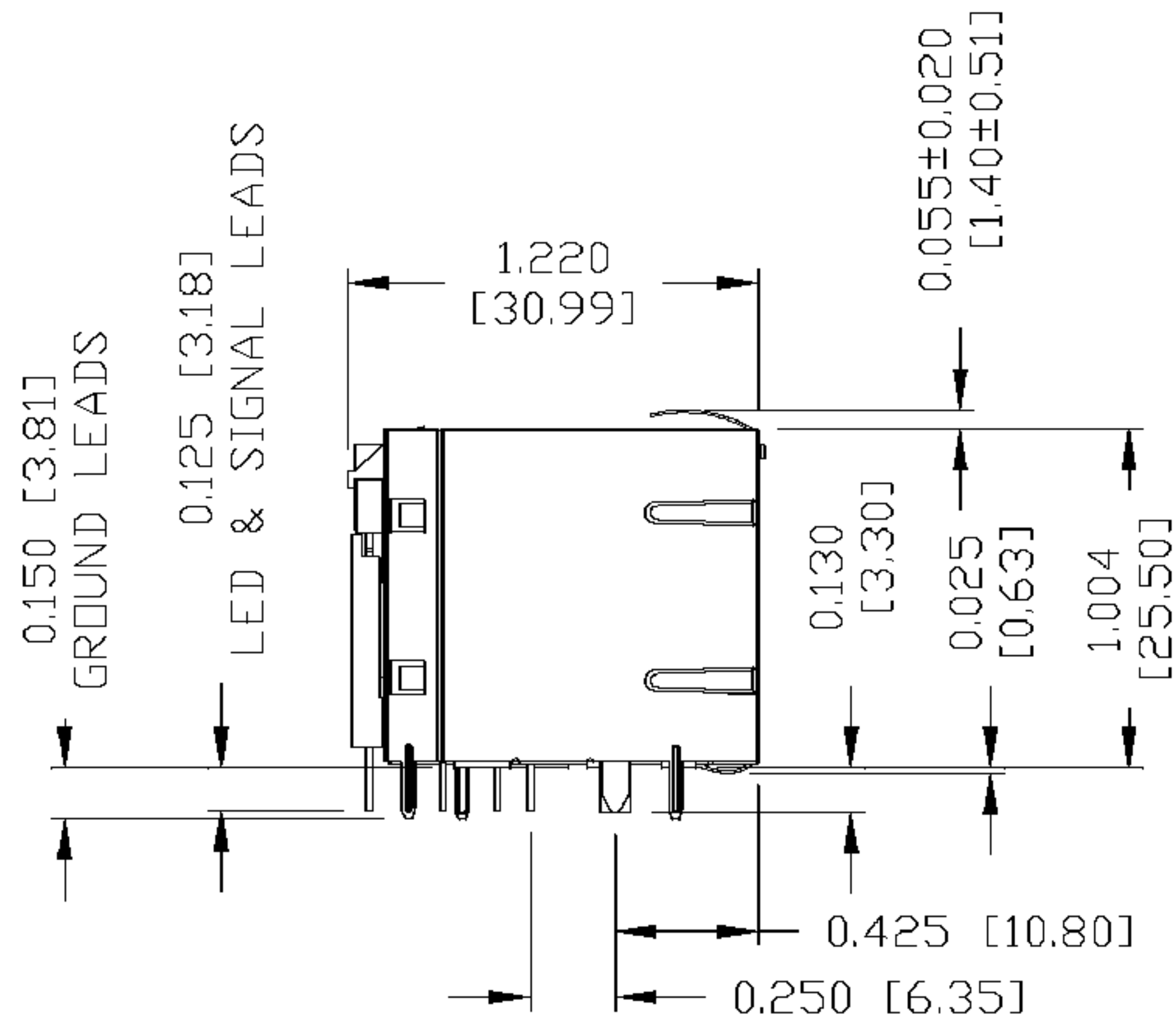
RETURN LOSS (MIN.)		
1MHz-30MHz	-18 dB	
60MHz-80MHz	-12 dB	
INSERTION LOSS		
100KHz TO 100MHz	-1.1 dB	
DCL @ 0.1V, 100KHz		
8mA DC BIAS	350µH MIN.	
TURNS RATIO		1CT : 1CT ±3%
XTALK		
100KHz TO 100MHz	-35 dB MIN.	

LED				
VF (FORWARD VOLTAGE)	IF=20mA	YELLOW	GREEN	2.2V TYP. 2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	GREEN	570nm TYP. 590nm TYP.
HIPOT (Isolation Voltage):		1500 Vrms		
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.				



ORIGINATED BY	DATE	TITLE 2X6 MagJack® with LED 0810-2H6R-28-F	PART NO. / DRAWING NO. 08102H6R28-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHOW WANCHUNG	11-22-07			.X		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE	0810-2H6R-28-F	FILE NAME 08102H6R28-F_A.DWG	.XX		SCALE : N/A	SIZE : A4	
DENG PING	11-22-07			.XXX			PAGE : 2	

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.

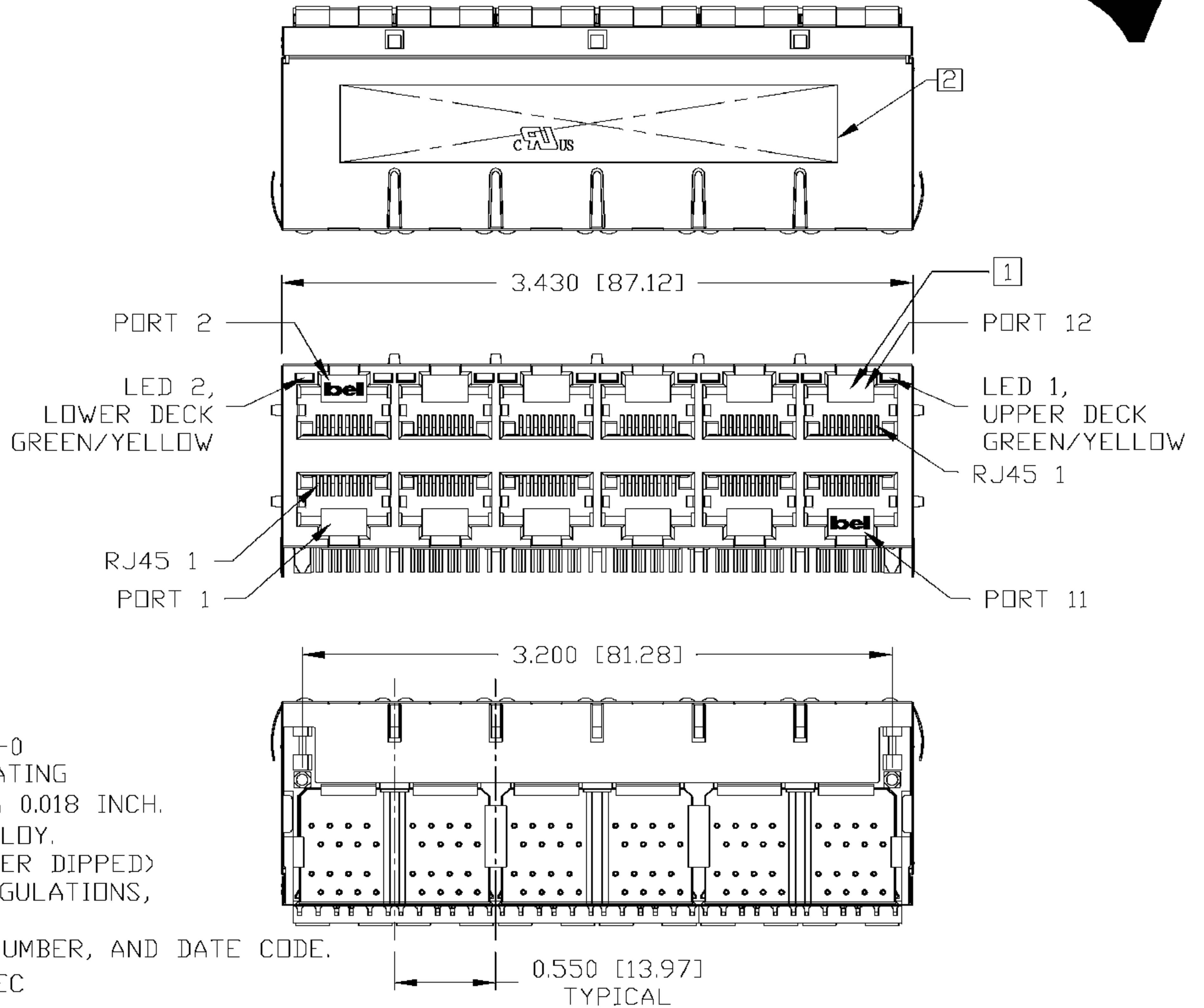


NOTES:

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.
 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] MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.
 RoHS COMPLIANT, PER EU DIRECTIVE 2002/95/EC

c UL RECOGNIZED - FILE #E196366 AND E169987.



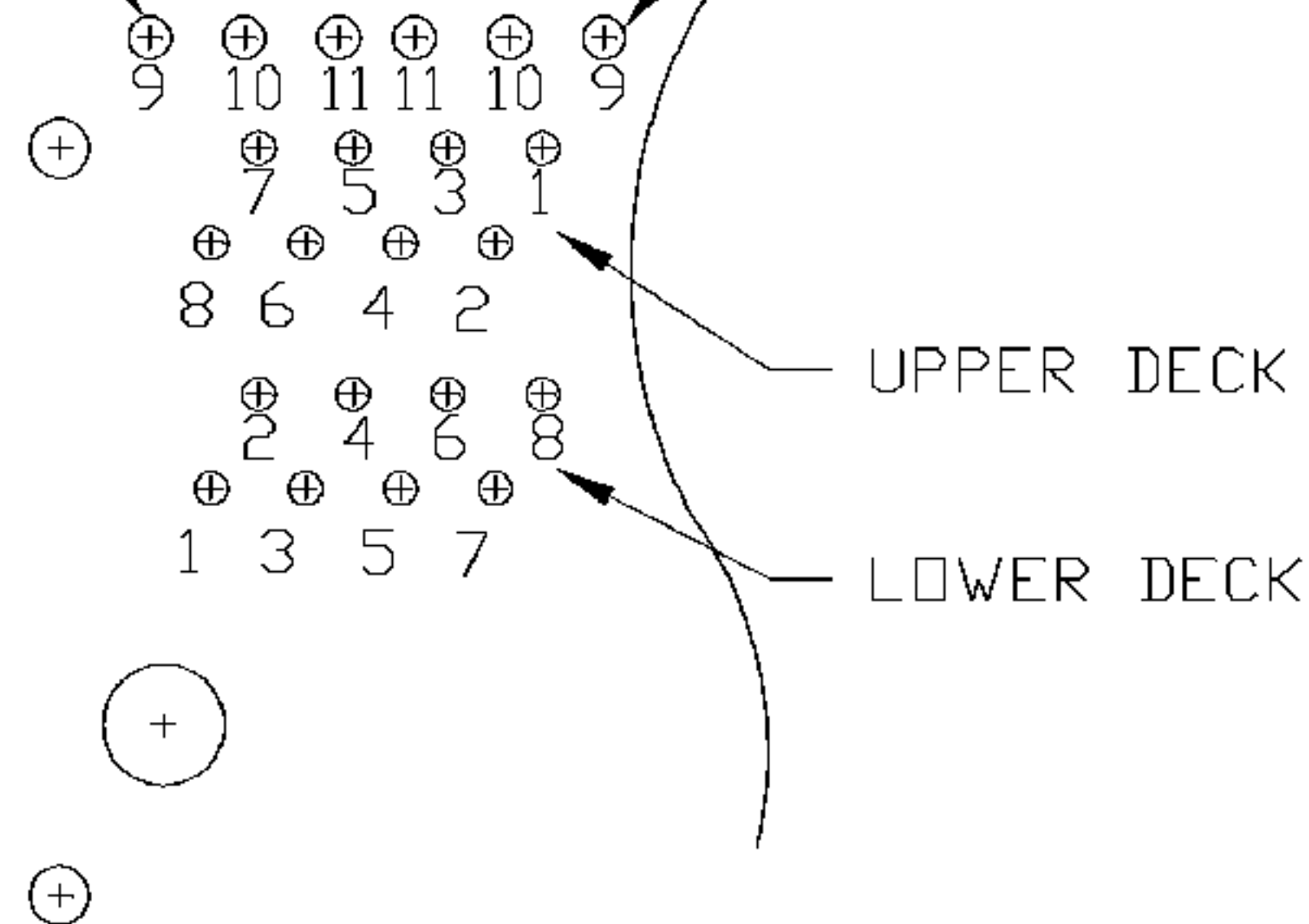
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
CHEN BILL	11-22-07	2X6 MagJack® with LED 0810-2H6R-28-F	08102H6R28-F	.X	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
LIU QIN	11-22-07		08102H6R28-F_A.DWG	.XXX ±0.010		PAGE : 3





LED PIN 1
LOWER DECK

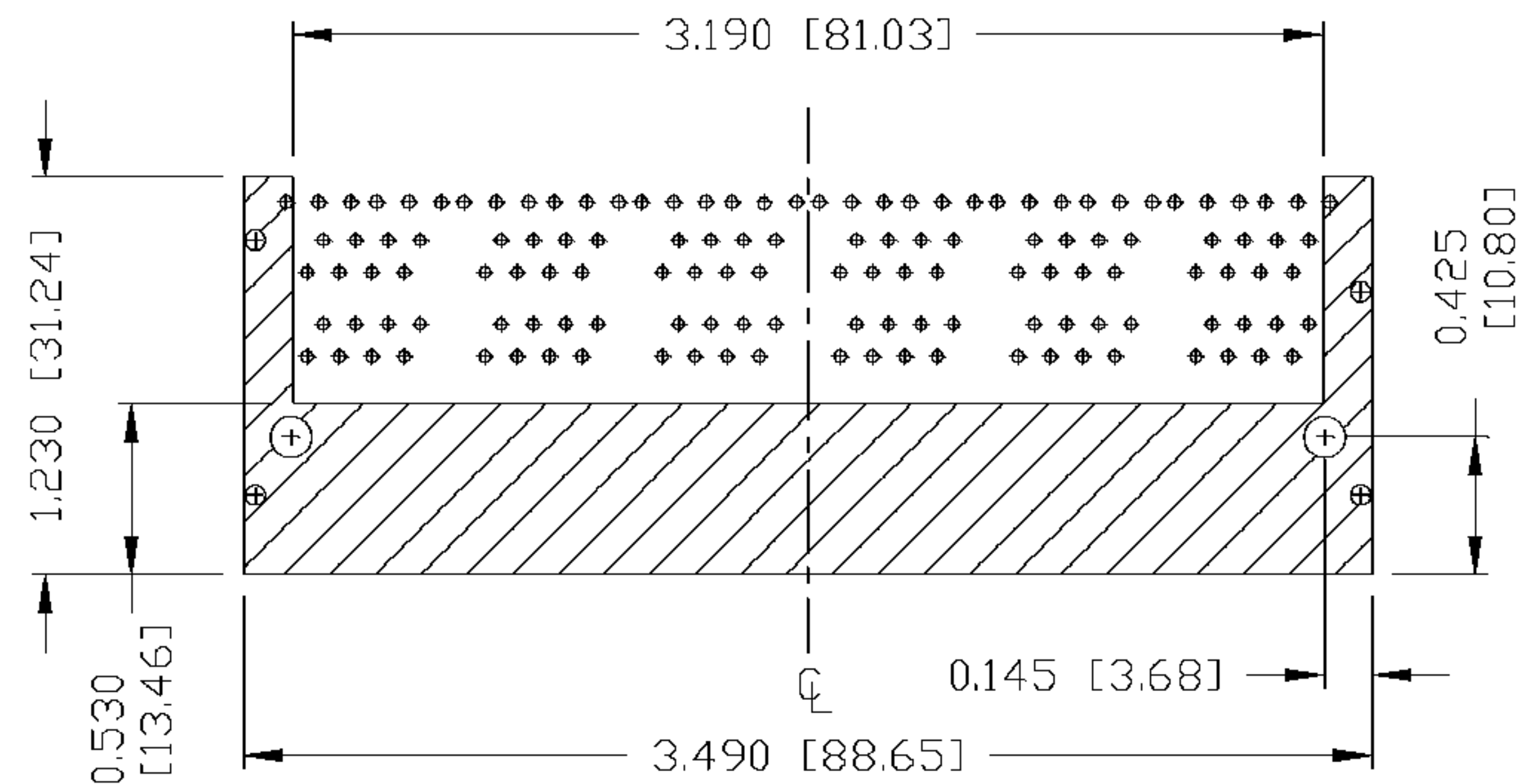
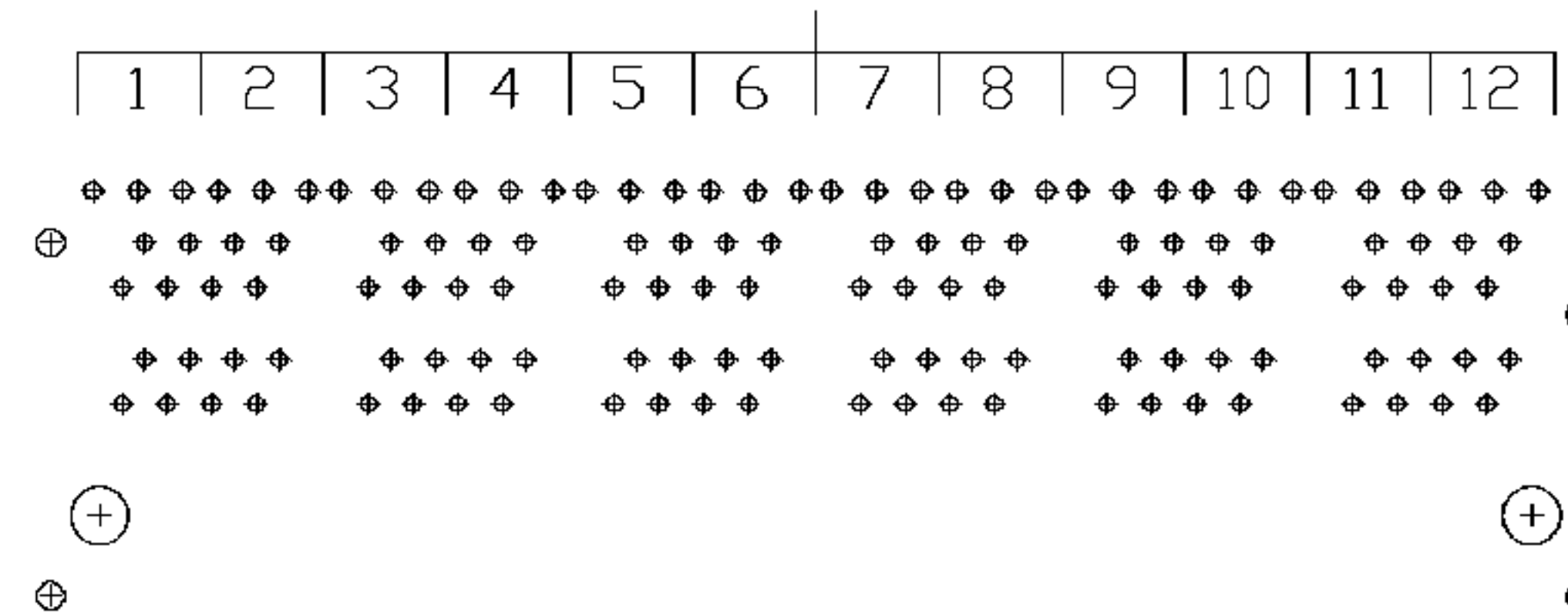
LED PIN 1
UPPER DECK



PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

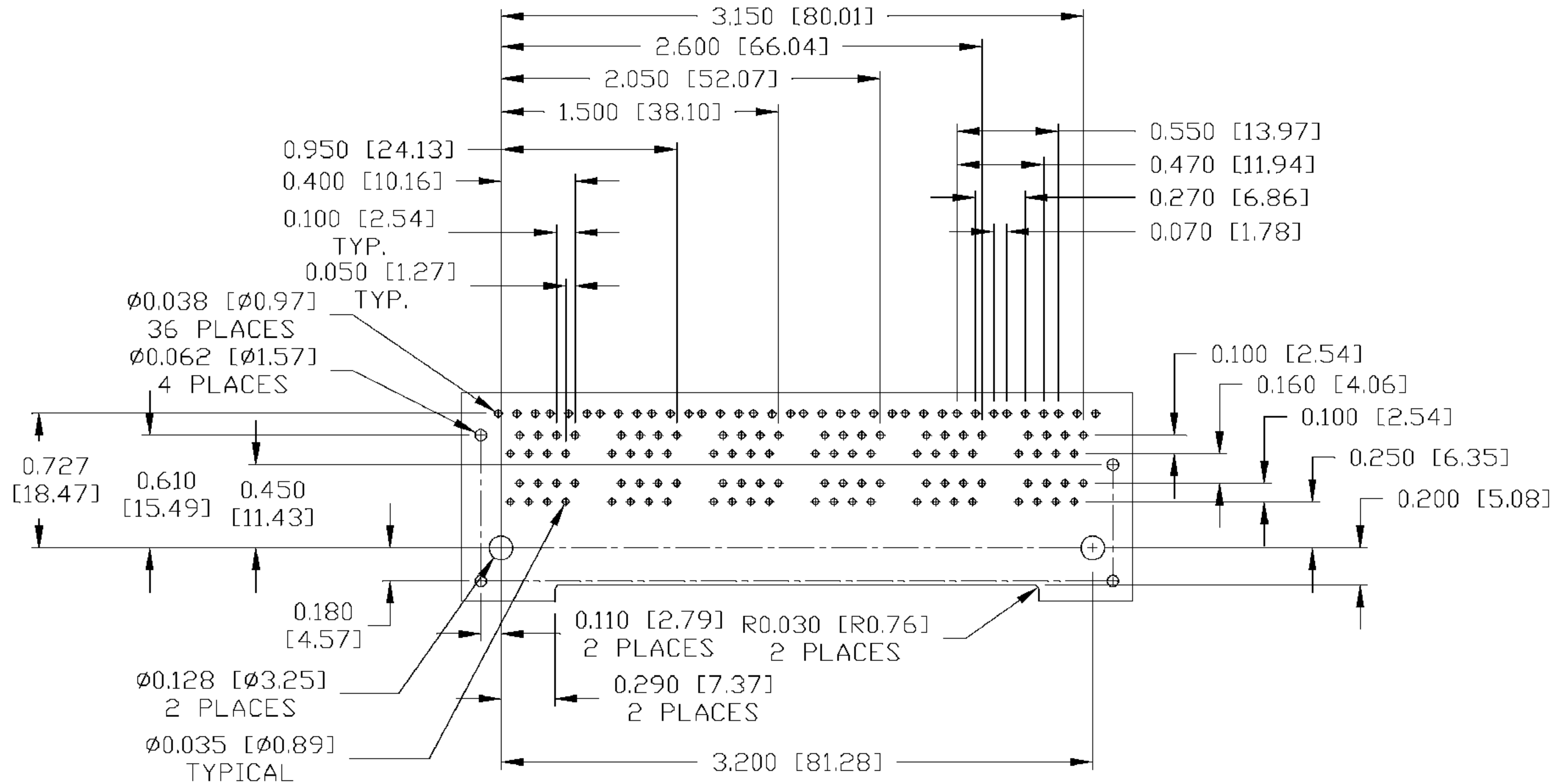
11	YELLOW LED CATHODE
10	COMMON ANODE
9	GREEN LED CATHODE
8	GND
7	TCT
6	TD-
5	NC
4	RCT
3	TD+
2	RD-
1	RD+

PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



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

ORIGINATED BY CHEN BILL	DATE 11-22-07	TITLE 2X6 MagJack® with LED	PART NO. / DRAWING NO. 08102H6R28-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
DRAWN BY LIU QIN	DATE 11-22-07	0810-2H6R-28-F	FILE NAME 08102H6R28-F_A.DWG	.X .XX .XXX	UNIT : INCH [mm] SCALE : N/A REV. : A SIZE : A4 PAGE : 4
				±0.004	



SUGGESTED FOOTPRINT
(COMPONENT SIDE VIEW)

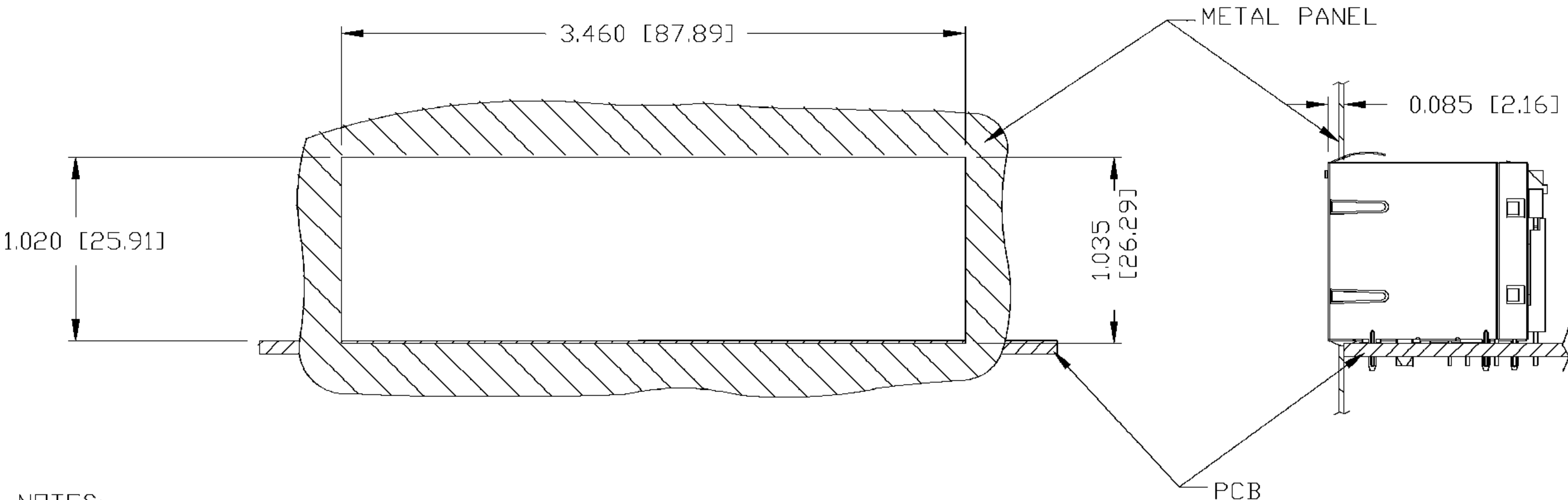
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
CHEN BILL	11-22-07	2X6 MagJack® with LED	08102H6R28-F	.X	UNIT : INCH [mm]	REV. : A
DRAWN BY	DATE	0810-2H6R-28-F	FILE NAME	.XX	SCALE : N/A	SIZE : A4
LIU QIN	11-22-07		08102H6R28-F_A.DWG	.XXX ±0.004		PAGE : 5

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



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 : 0200-9999-A9 (TOP)
0200-9999-B6 (BOTTOM)

PACKING QUANTITY : 15 PCS FINISHED GOODS PER TRAY
7 TRAYS (105 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
CHEN BILL	11-22-07	2X6 MagJack® with LED	08102H6R28-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE	0810-2H6R-28-F	FILE NAME	.XX			PAGE : 6
				.XXX	±0.004		

