

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

URNS RATIO

TX	1CT : 1
RX	1CT : 1
OCL @ 100kHz/100mVRMS	
8mA DC BIAS	350μH MIN.

INS. LOSS

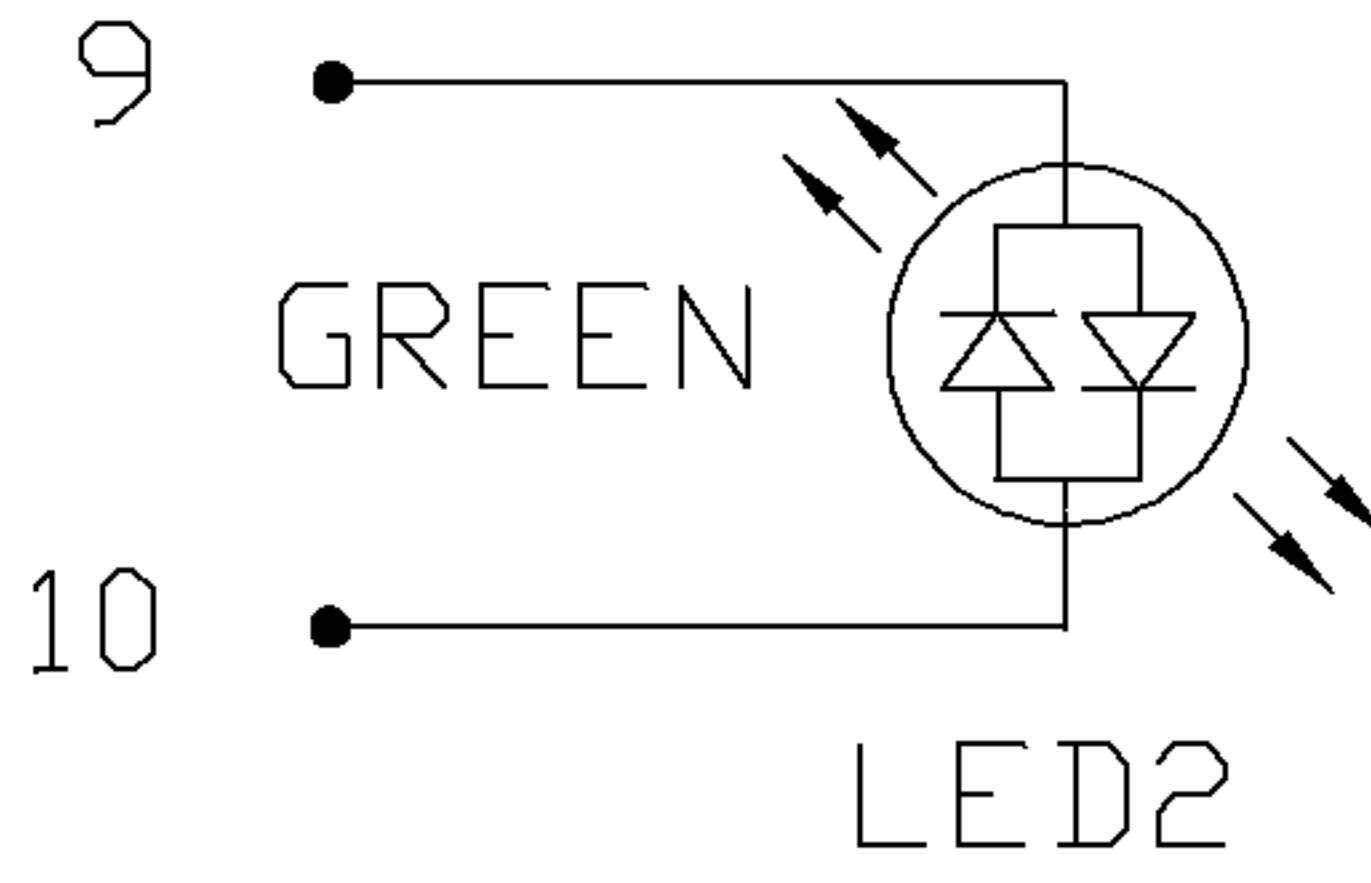
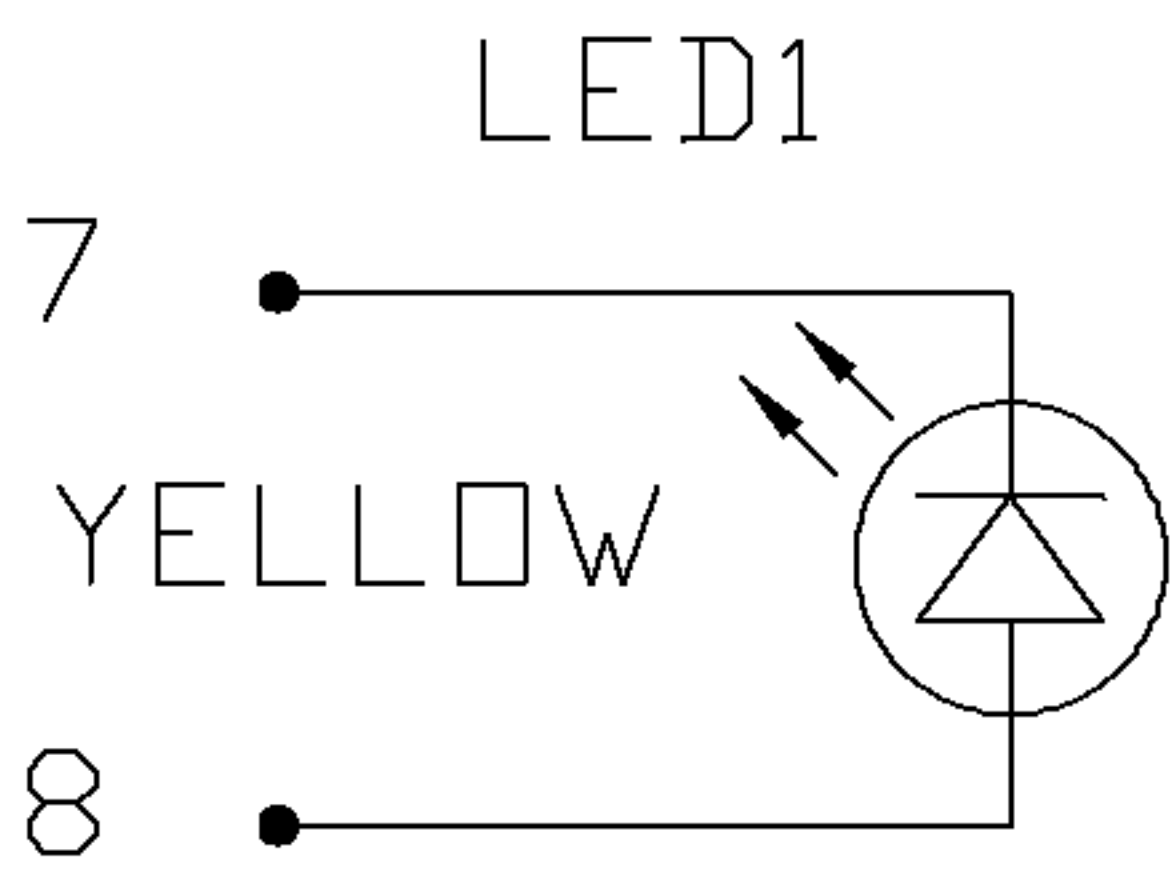
1MHz TO 100MHz	-1.0 dB MAX
RET. LOSS (MIN)	
1MHz-30MHz	-18 dB
30MHz-60MHz	-18+20LOG(F/30MHz) dB
60MHz-80MHz	-12 dB

CROSS TALK (TX - RX)

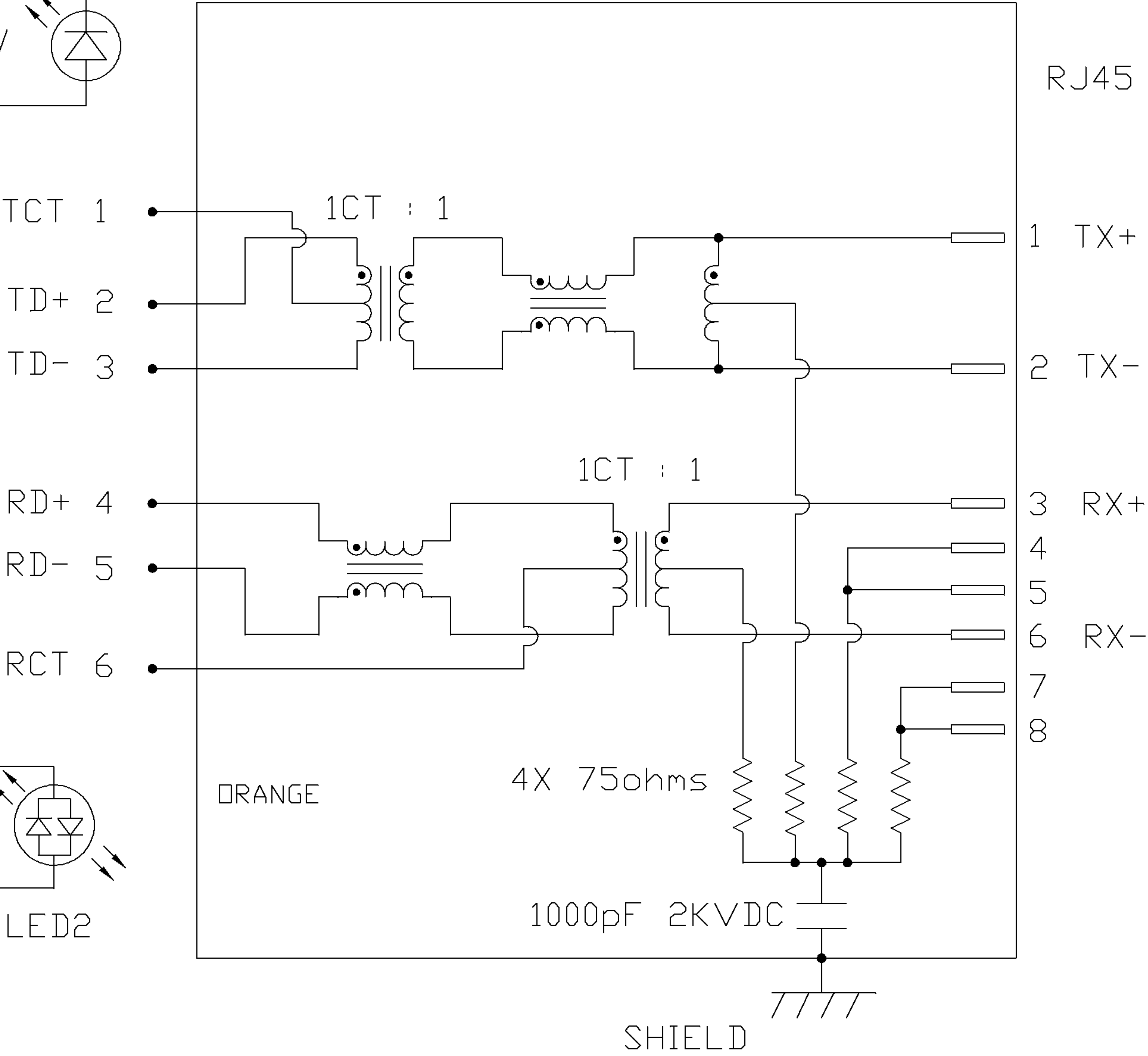
500kHz - 100 MHz	-35 dB MIN
CM TO CM REJ	
100kHz - 100 MHz	-30 dB MIN
CM TO DM REJ	
100kHz - 100 MHz	-40 dB MIN

HIPOT (Isolation Voltage):	1500 Vrms
100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.	

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	ORANGE	2.0V	TYP.
		GREEN	2.2V	TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	ORANGE	610nm	TYP.
		GREEN	565nm	TYP.



SCHEMATIC



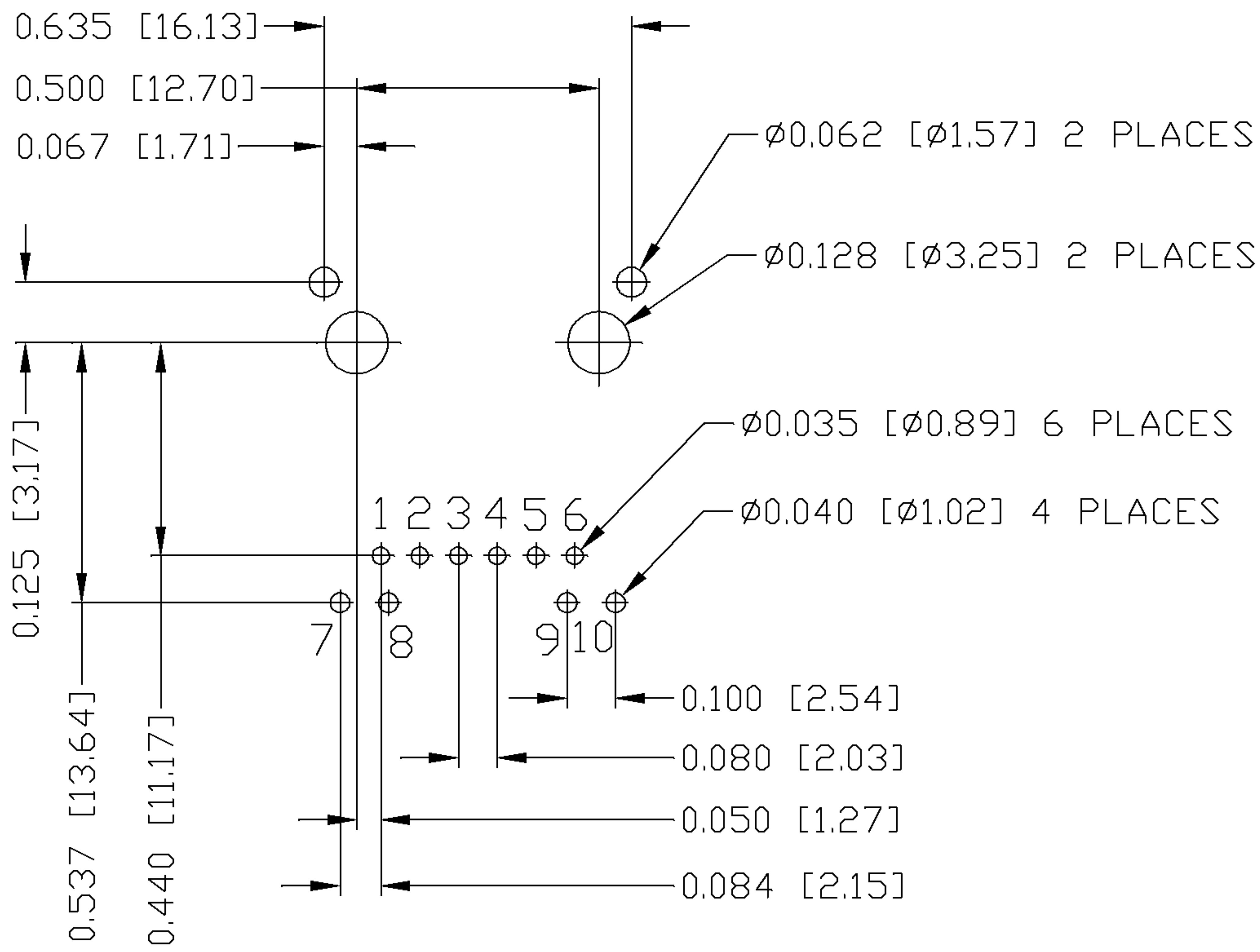
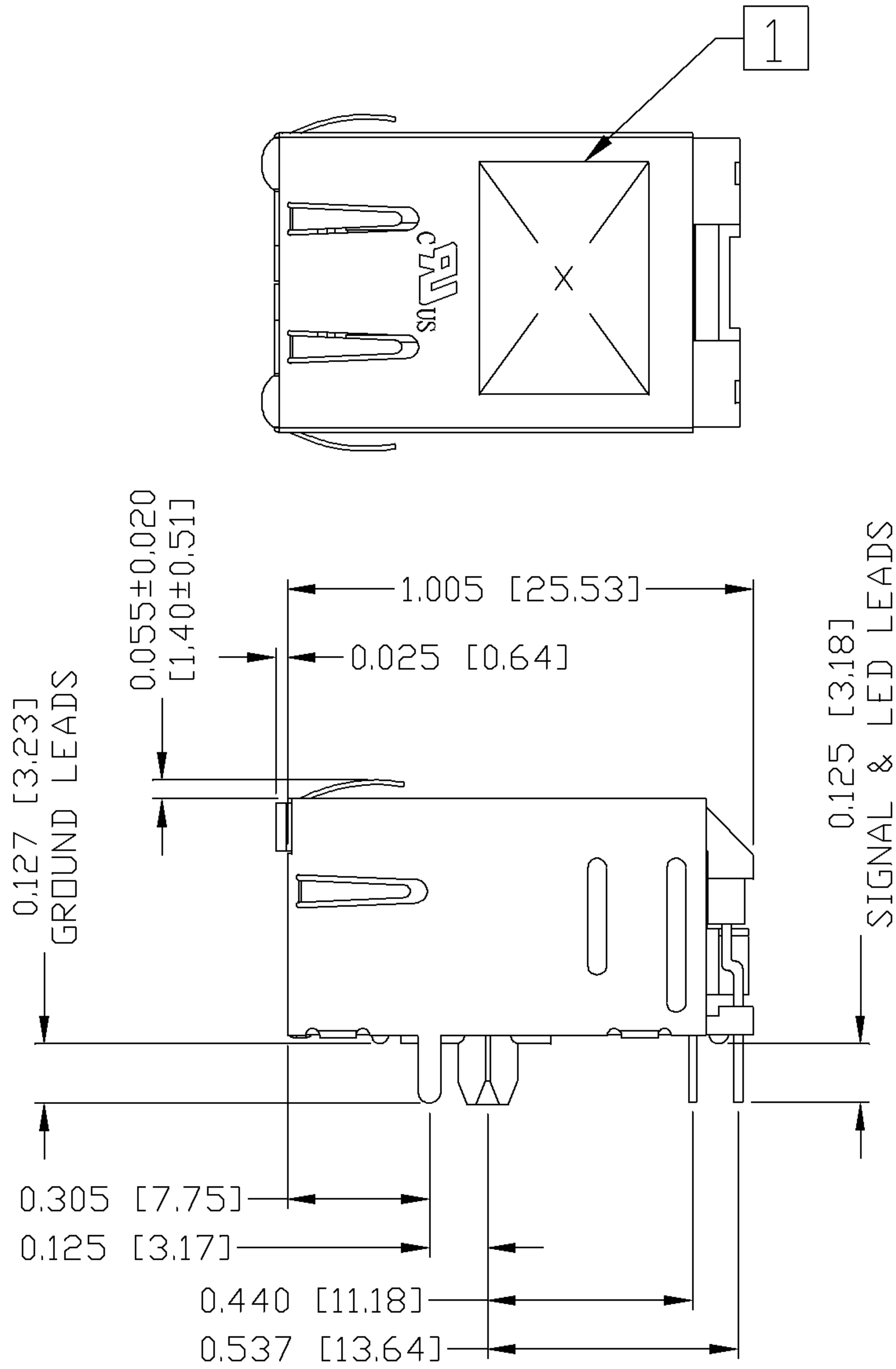
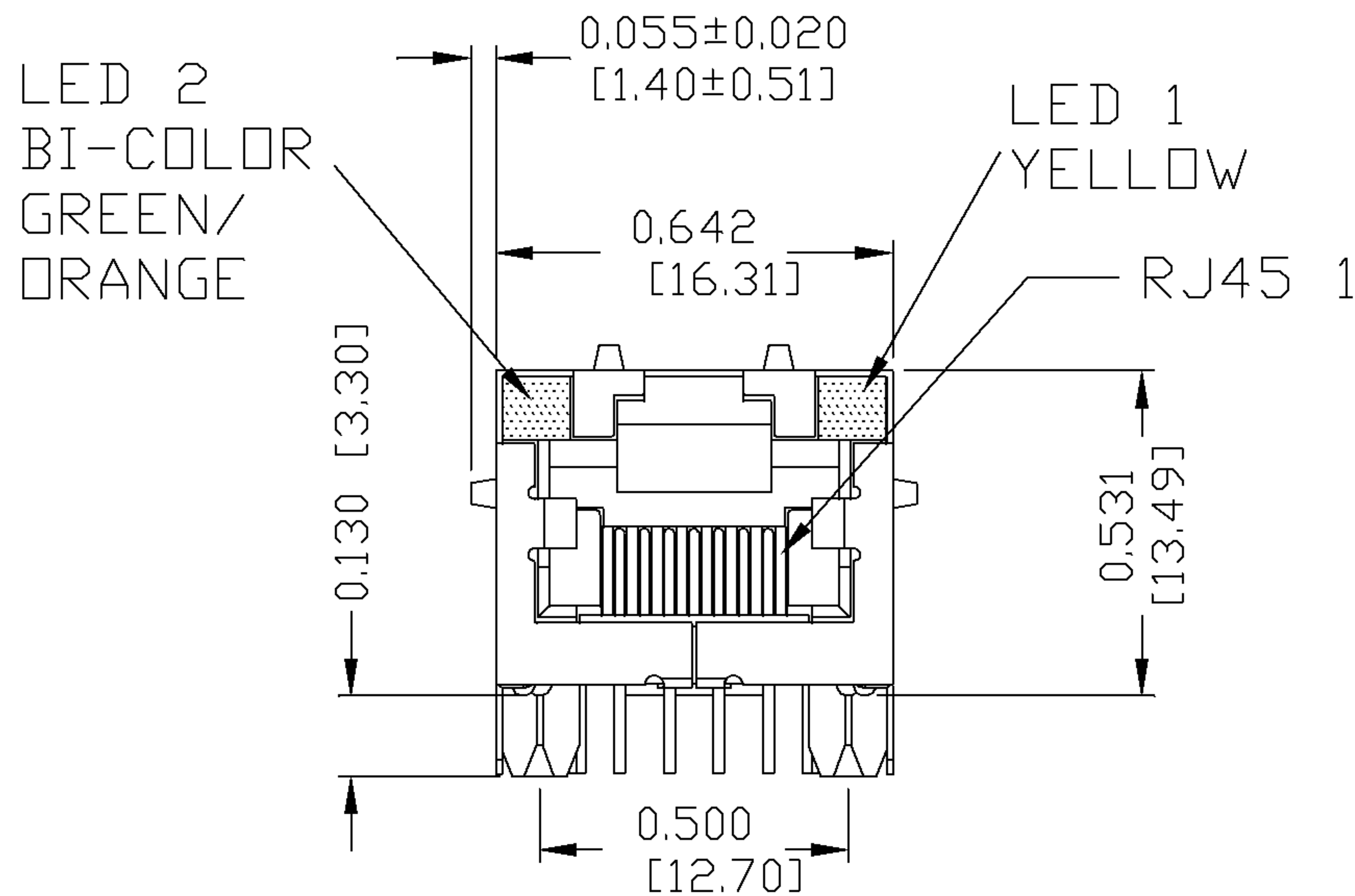
ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 bel COMPONENTS FOR A CONNECTED PLANET		
CHOW WANCHUNG		02-04-08			08B01X1T03-F	TOL. IN INCH		UNIT : INCH [mm]		REV. : B	
DRAWN BY		DATE			FILE NAME	.X		SCALE : N/A		SIZE : A4	
DENG PING		02-04-08			08B01X1T03-F_B.DWG	.XX				PAGE : 2	

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MECHANICAL SPECIFICATION

RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



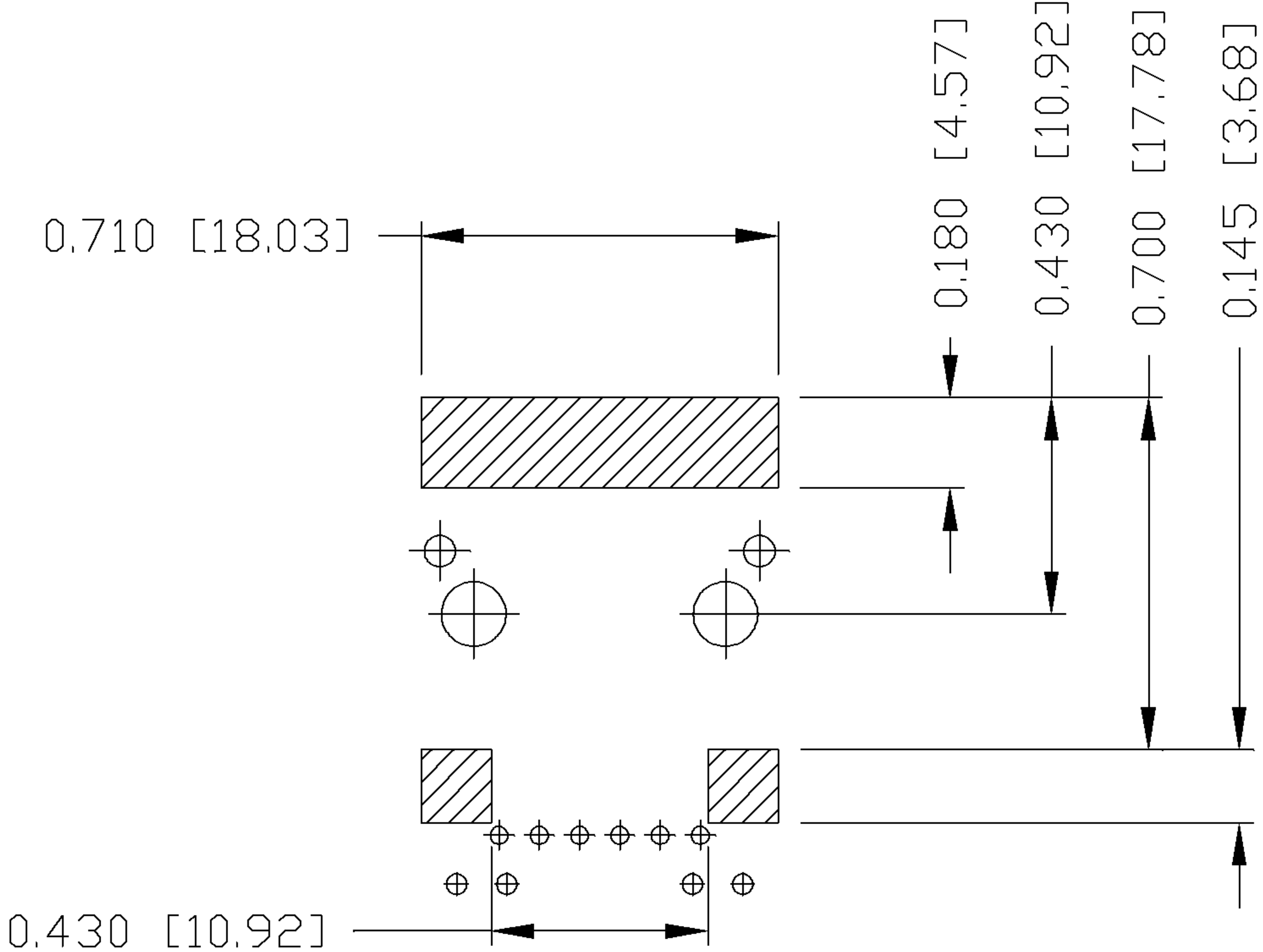
NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
- CONTACTS PLATING: 15 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, AND DATE CODE.
2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

ORIGINATED BY	DATE	TITLE MagJack® (CM Termination)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
CHEN BILL	02-04-08		08B01X1T03-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
LIU QIN	02-04-08		08B0-1X1T-03-F	.XX		.XXX	±0.010	

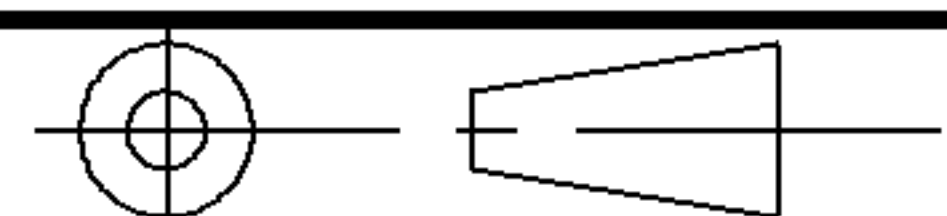


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NOTES:

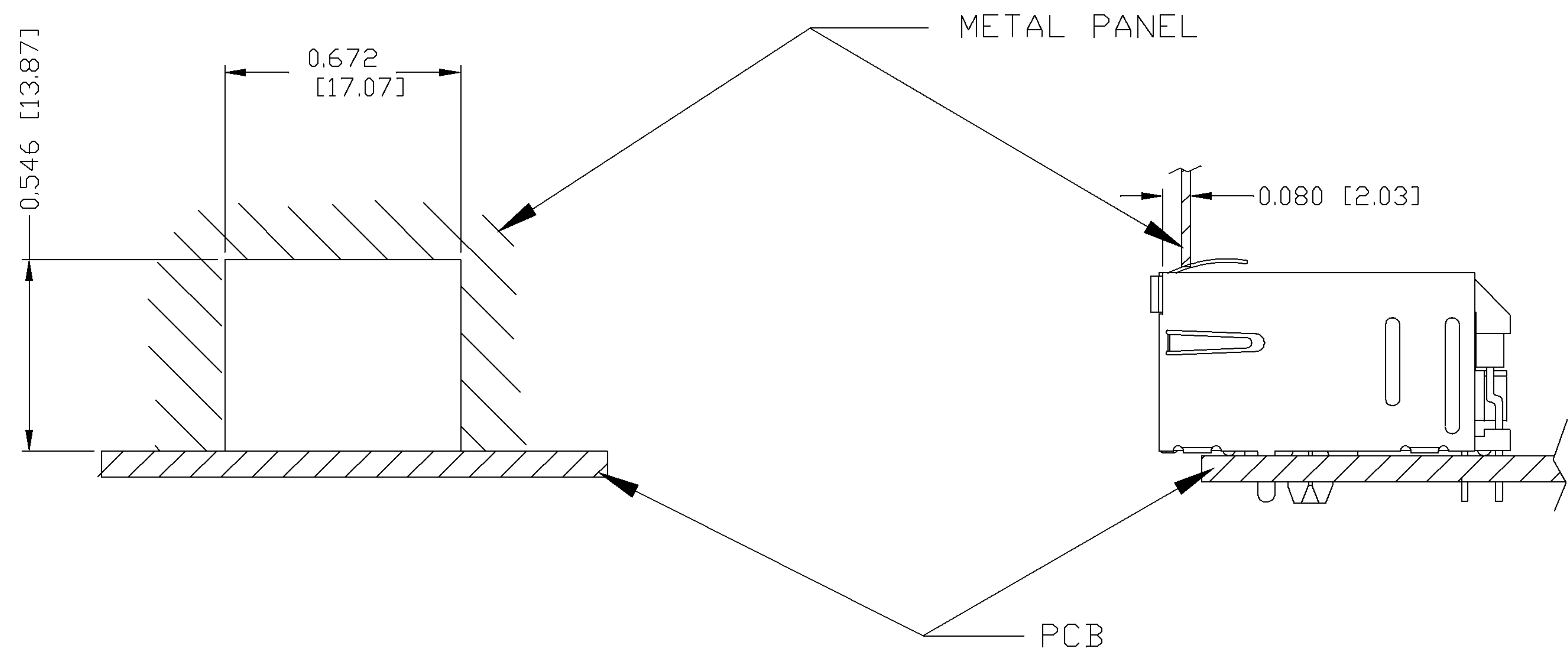
THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

ORIGINATED BY	DATE	TITLE MagJack® (CM Termination) 08B0-1X1T-03-F	PART NO. / DRAWING NO. 08B01X1T03-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHEN BILL	02-04-08		FILE NAME 08B01X1T03-F_B.DWG		.X		UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE				.XX		SCALE : N/A	SIZE : A4	
LIU QIN	02-04-08				.XXX	±0.004		PAGE : 4	

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SUGGESTED PANEL OPENING



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-D4(TOP)
0200-9999-D5(BOTTOM)

PACKING QUANTITY : 60 PCS FINISHED GOODS PER TRAY
11 TRAYS (660 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 CHEN BILL	DATE 02-04-08	TITLE MagJack® (CM Termination) 08B0-1X1T-03-F	PART NO. / DRAWING NO. 08B01X1T03-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
				.X		UNIT : INCH [mm]	REV. : B
DRAWN BY LIU QIN	DATE 02-04-08		FILE NAME 08B01X1T03-F_B.DWG	.XX		SCALE : N/A	SIZE : A4
				.XXX	±0.004		PAGE : 5

