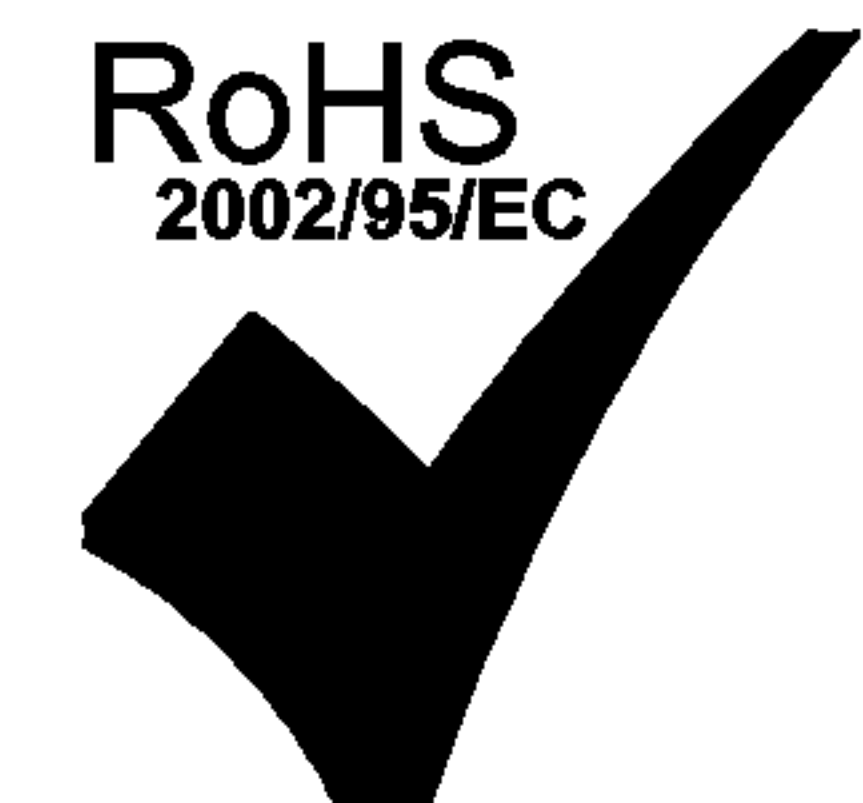


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LED1 POLARITY			LED2 POLARITY		
PIN 11	PIN 12	COLOR	PIN 13	PIN 14	COLOR
-	+	YELLOW	-	+	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TX	1CT : 1
RX	1CT : 1

DCL @ 100kHz/100mVRMS

8mA DC BIAS	350mH 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 or 2250VDC

100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.

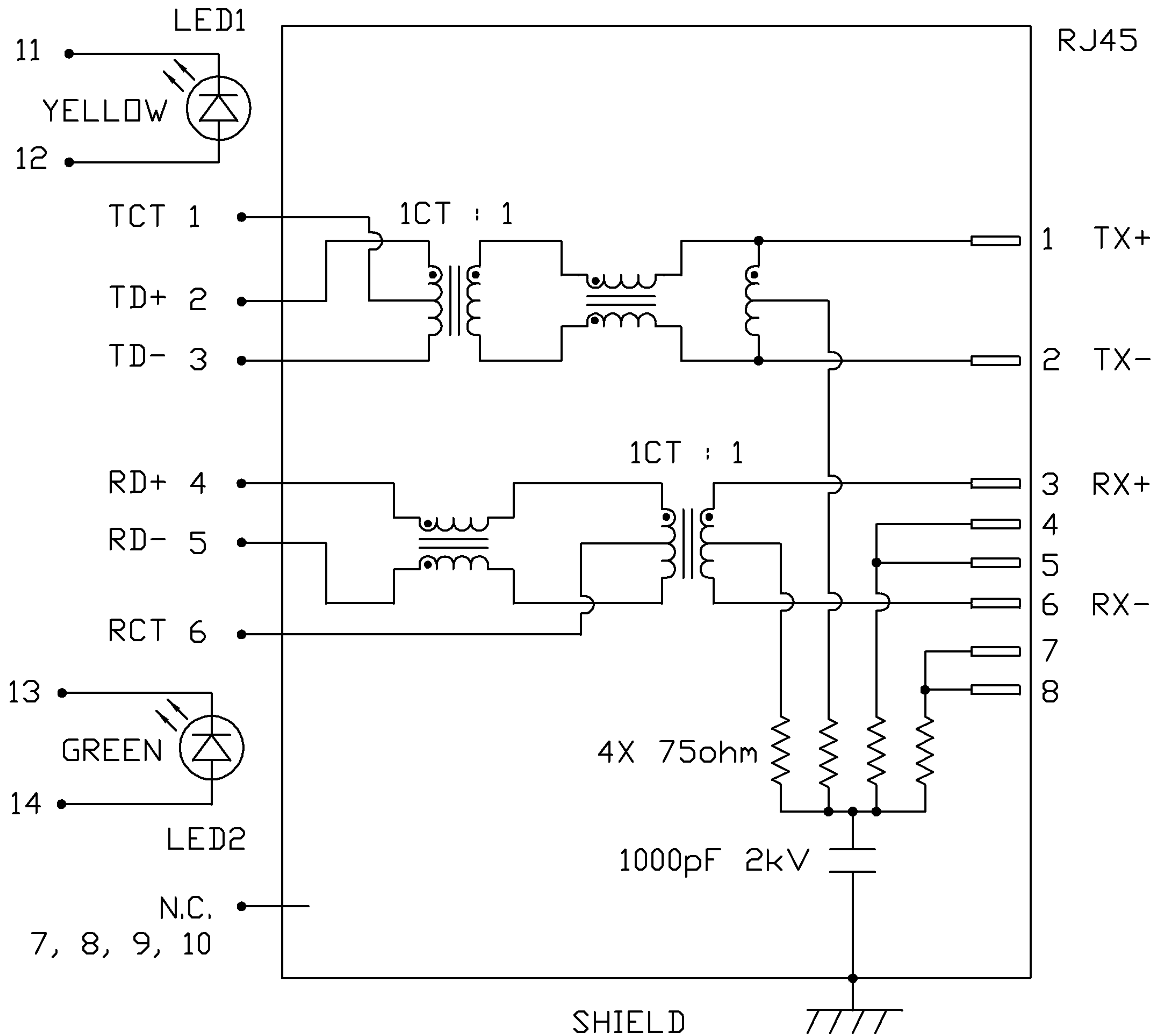
LED 1

VF (FORWARD VOLTAGE)	IF=20mA	YELLOW	2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	590nm TYP.

LED 2

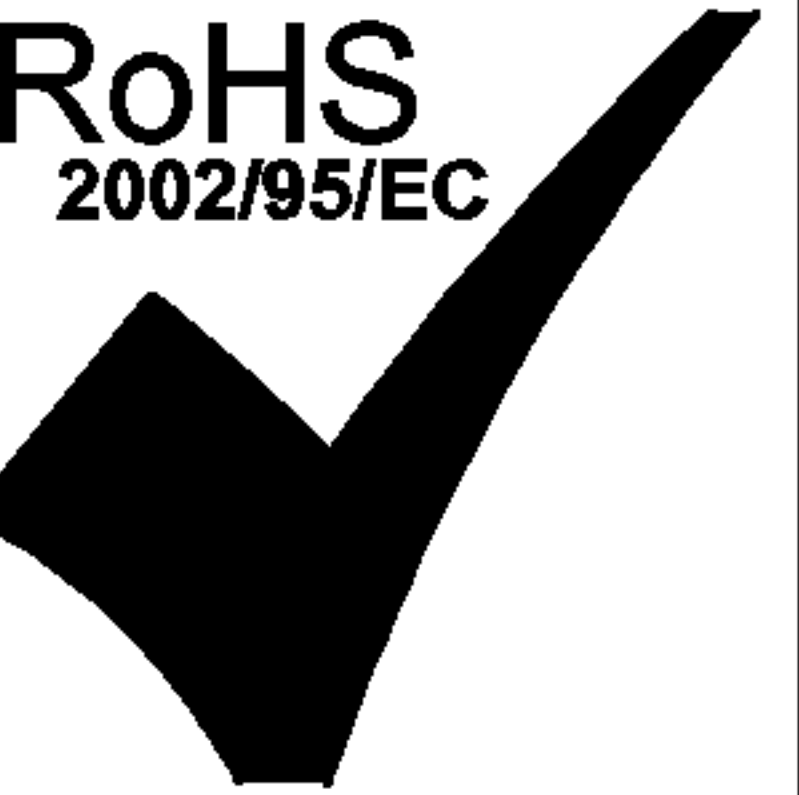
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.

SCHEMATIC



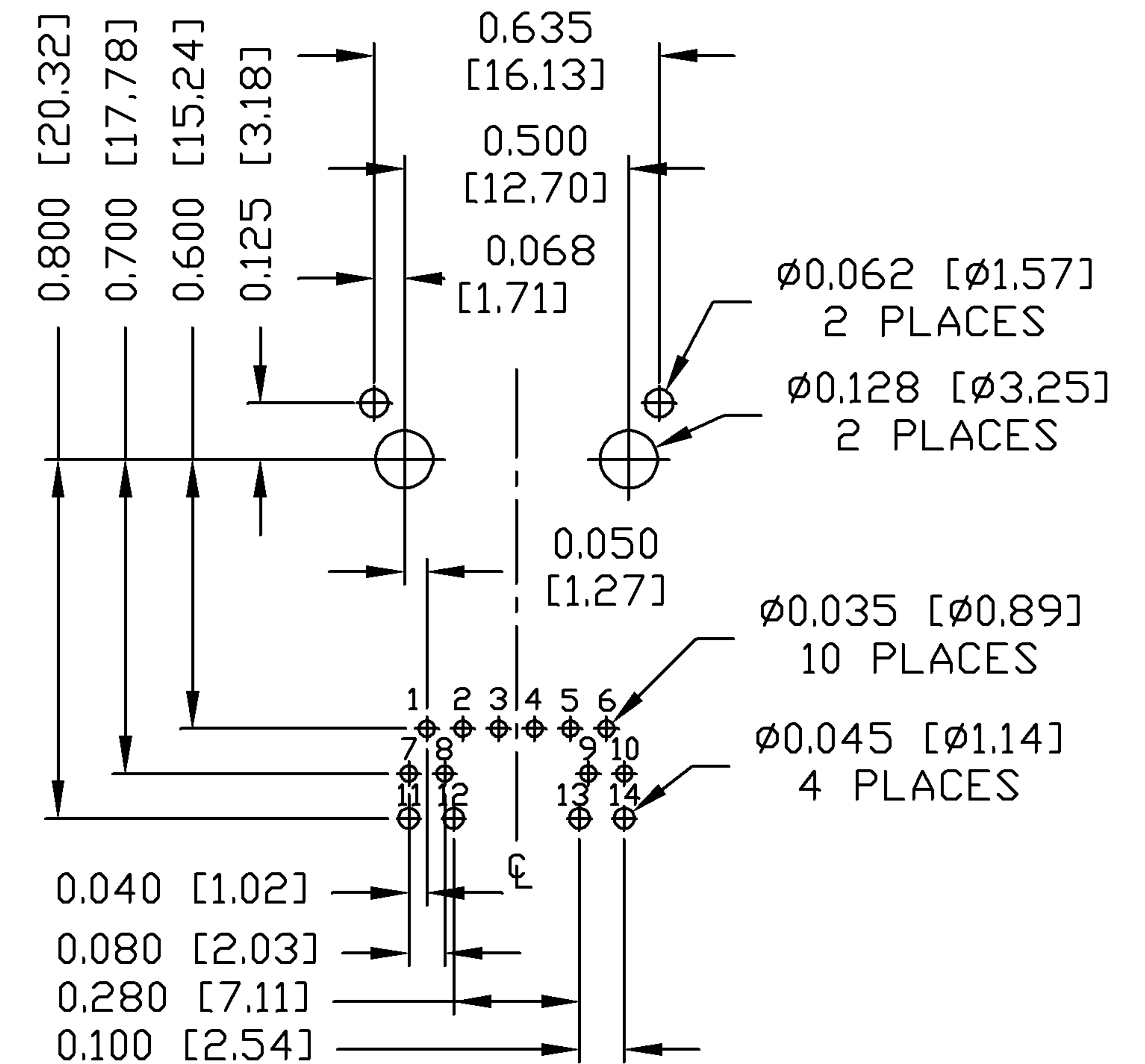
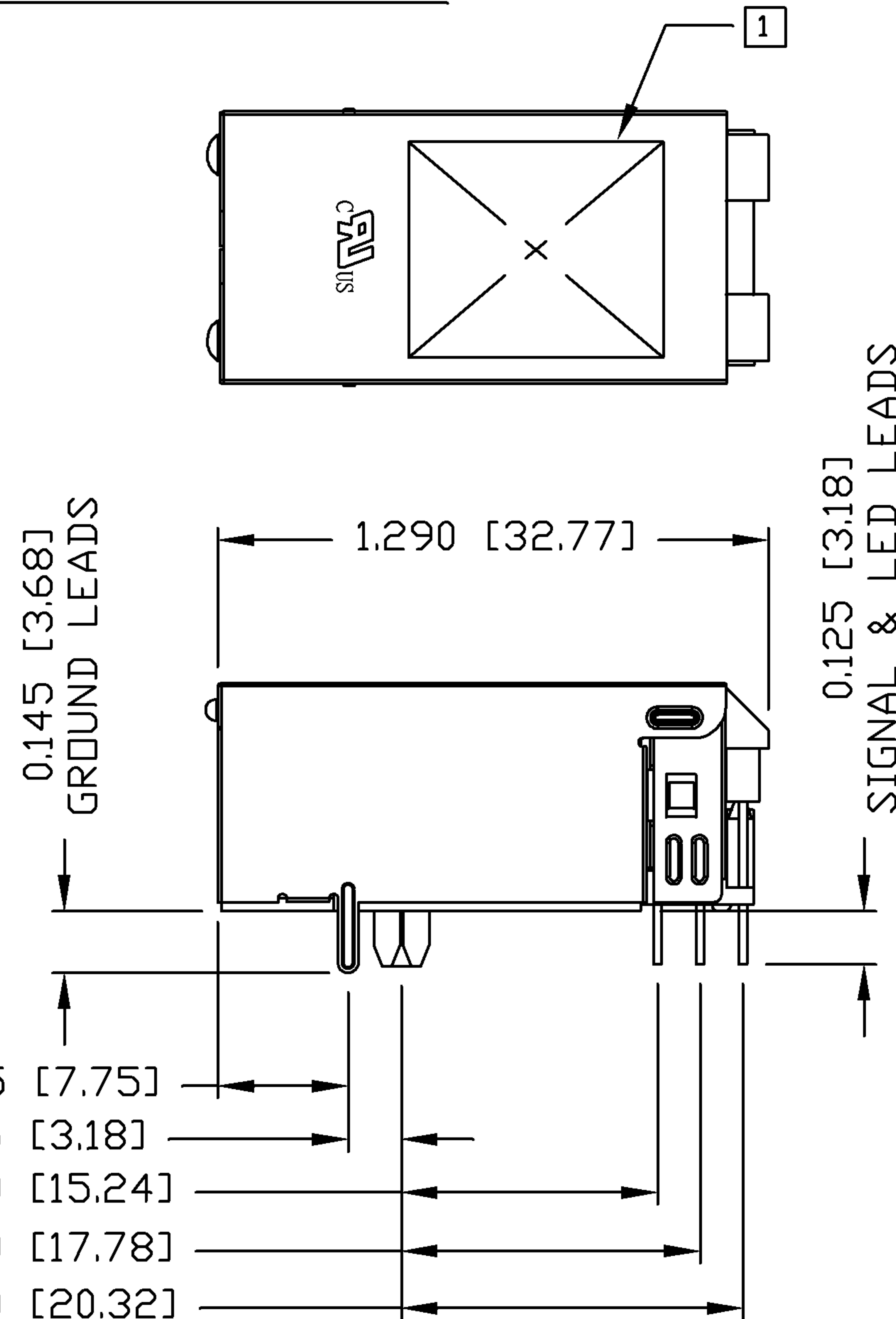
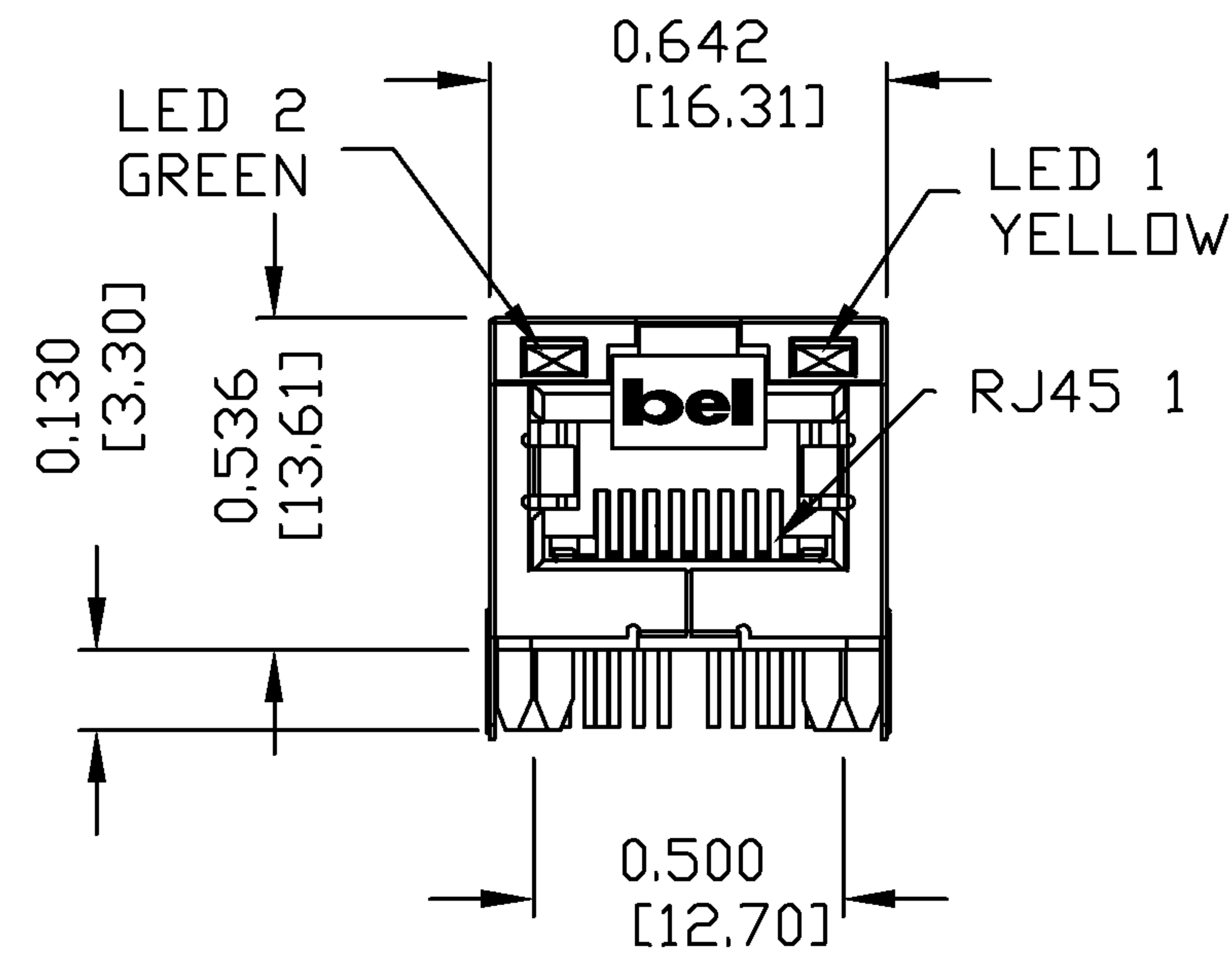
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
CHOW WANCHUNG	07-31-08	MagJack®	08261AX147-F	.X	UNIT : INCH [mm]
DRAWN BY	DATE	(Dual Stuff Option, Tab Up)	FILE NAME	.XX	SCALE : N/A
WEIDE LEE	07-31-08	0826-1AX1-47-F	08261AX147-F_C.DWG	.XXX	SIZE : A4
					PAGE : 2





MECHANICAL SPECIFICATION

RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW



NOTES:

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

CONTACTS: 50 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. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.

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

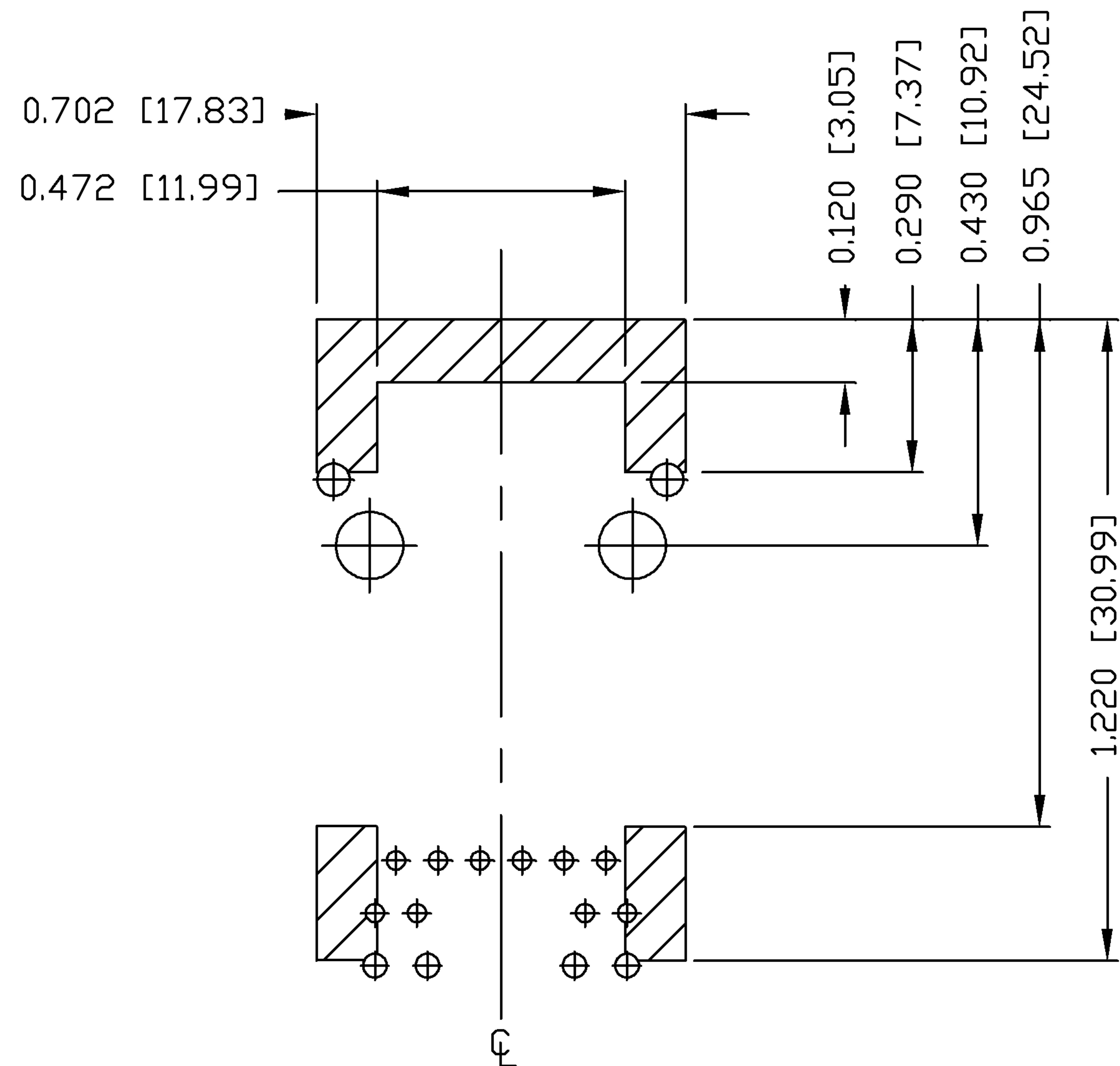
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
ZX HUANG	07-31-08	MagJack® (Dual Stuff Option, Tab Up)	08261AX147-F	.X	UNIT : INCH [mm]	REV. : C
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
BL CHEN	07-31-08		08261AX147-F_C.DWG	.XXX	±0.010	PAGE : 3



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RoHS
2002/95/EC



NOTES

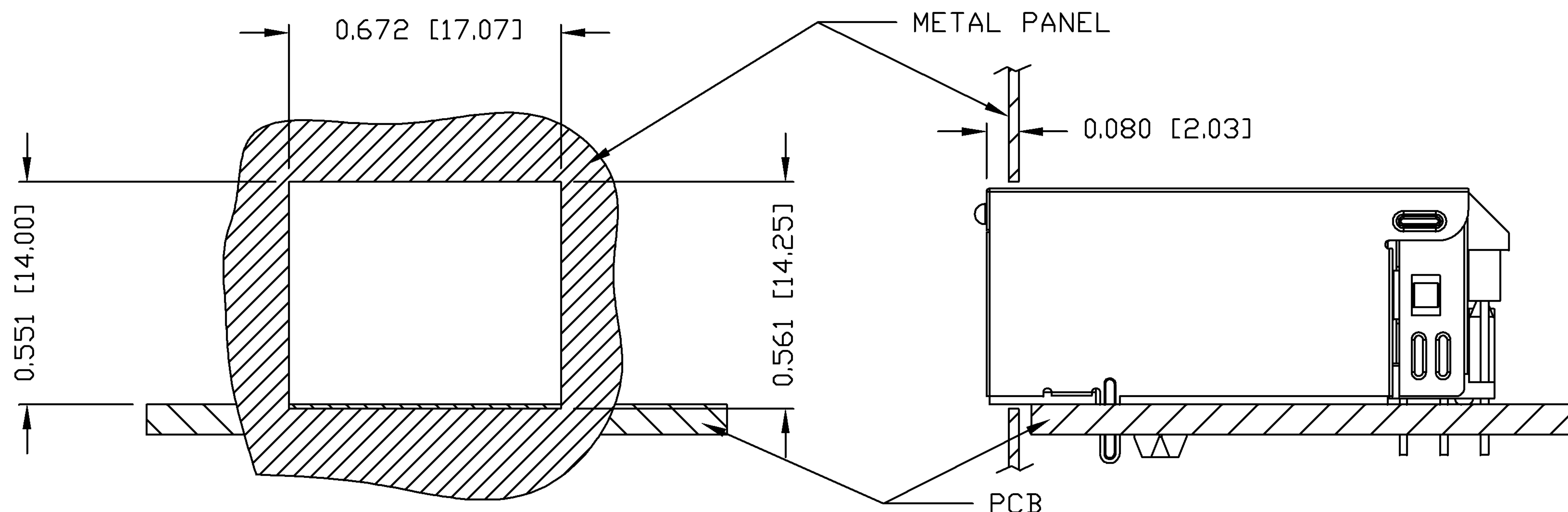
THE SHADED AREA ON THE CUSTOMER BOARD ARE
RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR
COMPONENT PAD.

ORIGINATED BY	DATE	TITLE MagJack® (Dual Stuff Option, Tab Up) 0826-1AX1-47-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
ZX HUANG	07-31-08		08261AX147-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : C	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
BL CHEN	07-31-08		08261AX147-F_C.DWG	.XX		PAGE : 4		
			.XXX	±0.004				





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-F6 (TOP)
0200-9999-F7 (BOTTOM)

PACKING QUANTITY : 40 PCS FINISHED GOODS PER TRAY
10 TRAYS (400 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 MagJack® <Dual Stuff Option, Tab Up> 0826-1AX1-47-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
ZX HUANG	07-31-08		08261AX147-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : C
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4
				.XX			
BL CHEN	07-31-08	08261AX147-F_C.DWG	.XXX	±0.004		PAGE : 5	


COMPONENTS FOR A
CONNECTED
PLANET