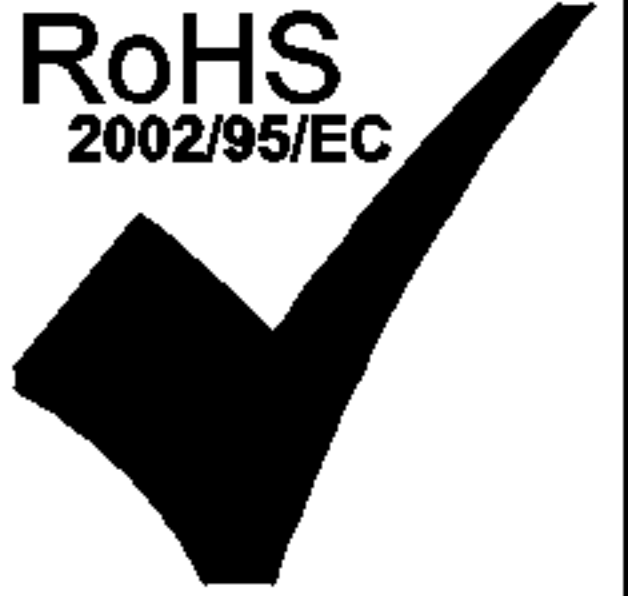


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LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
-	+	YELLOW	+	-	ORANGE
/	/	/	-	+	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

QCL @ 100kHz/100mVRMS

8mA DC BIAS	350µH MIN.
-------------	------------

INS. LOSS

0.1MHz TO 1MHz	-1.1 dB MAX
1MHz TO 65MHz	-0.5 dB MAX
65MHz TO 100MHz	-0.8 dB MAX
100MHz TO 125MHz	-1.2 dB MAX

RET. LOSS (MIN)

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB

CROSS TALK

100kHz - 100MHz	-33+20LOG(f/100MHz)dB MIN
-----------------	---------------------------

CM TO CM REJ

100kHz - 100MHz	-30 dB MIN
-----------------	------------

CM TO DM REJ

100kHz - 100MHz	-35 dB MIN
-----------------	------------

HIPOT (Isolation Voltage):

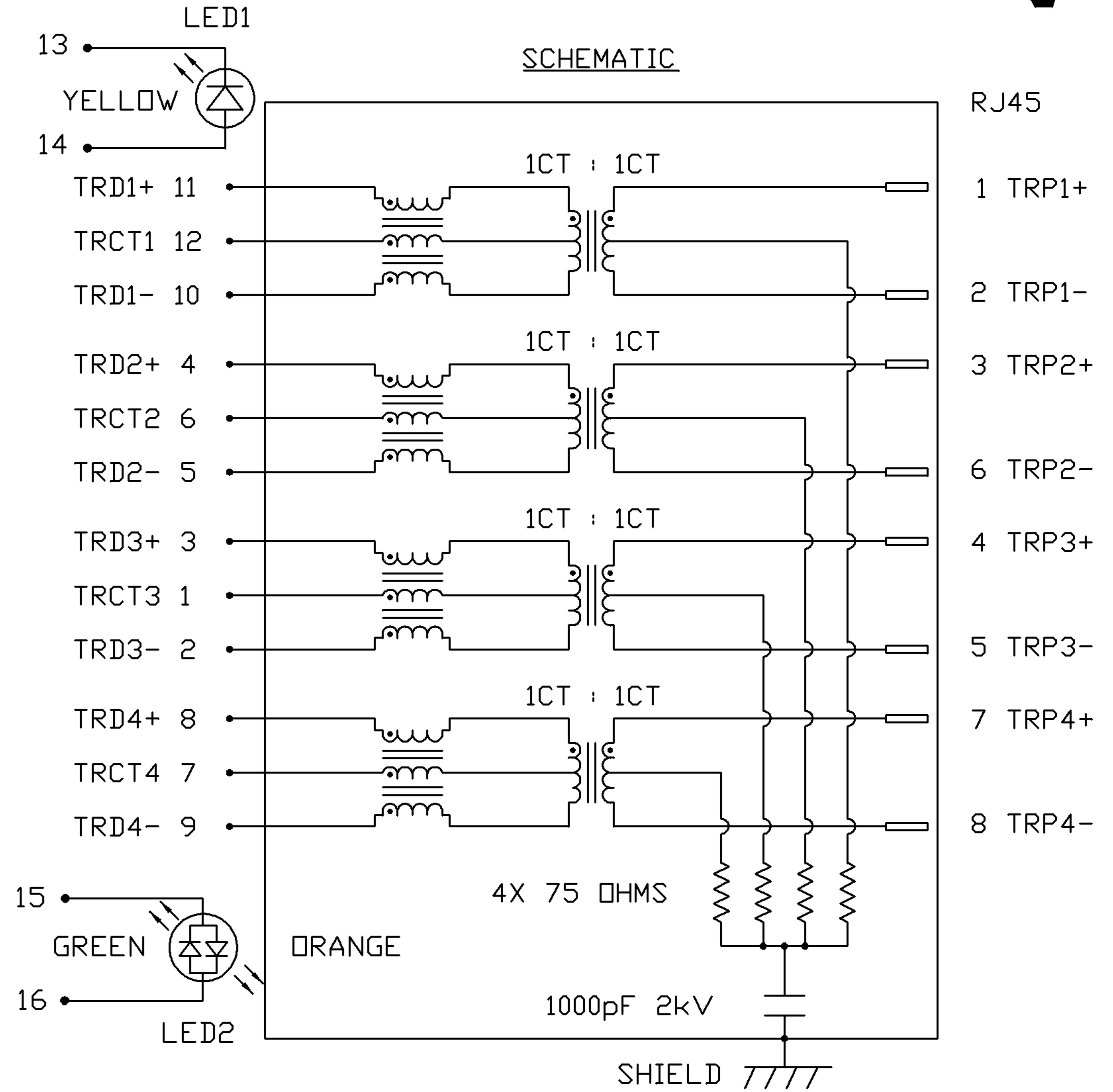
1500 Vrms or 2250VDC

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 WANCHUNG CHOW	DATE 07-28-08
DRAWN BY WEIDE LEE	DATE 07-28-08

TITLE gigabit MagJack® (8 cores, Tab Up) 0826-1X1T-43-F

PART NO. / DRAWING NO. 08261X1T43-F
FILE NAME 08261X1T43-F_C.DWG

STANDARD DIM. TOL. IN INCH
.X
.XX
.XXX

[] METRIC DIM. AS REFERENCE
UNIT : INCH [mm]
SCALE : N/A
REV. : C
SIZE : A4
PAGE : 2



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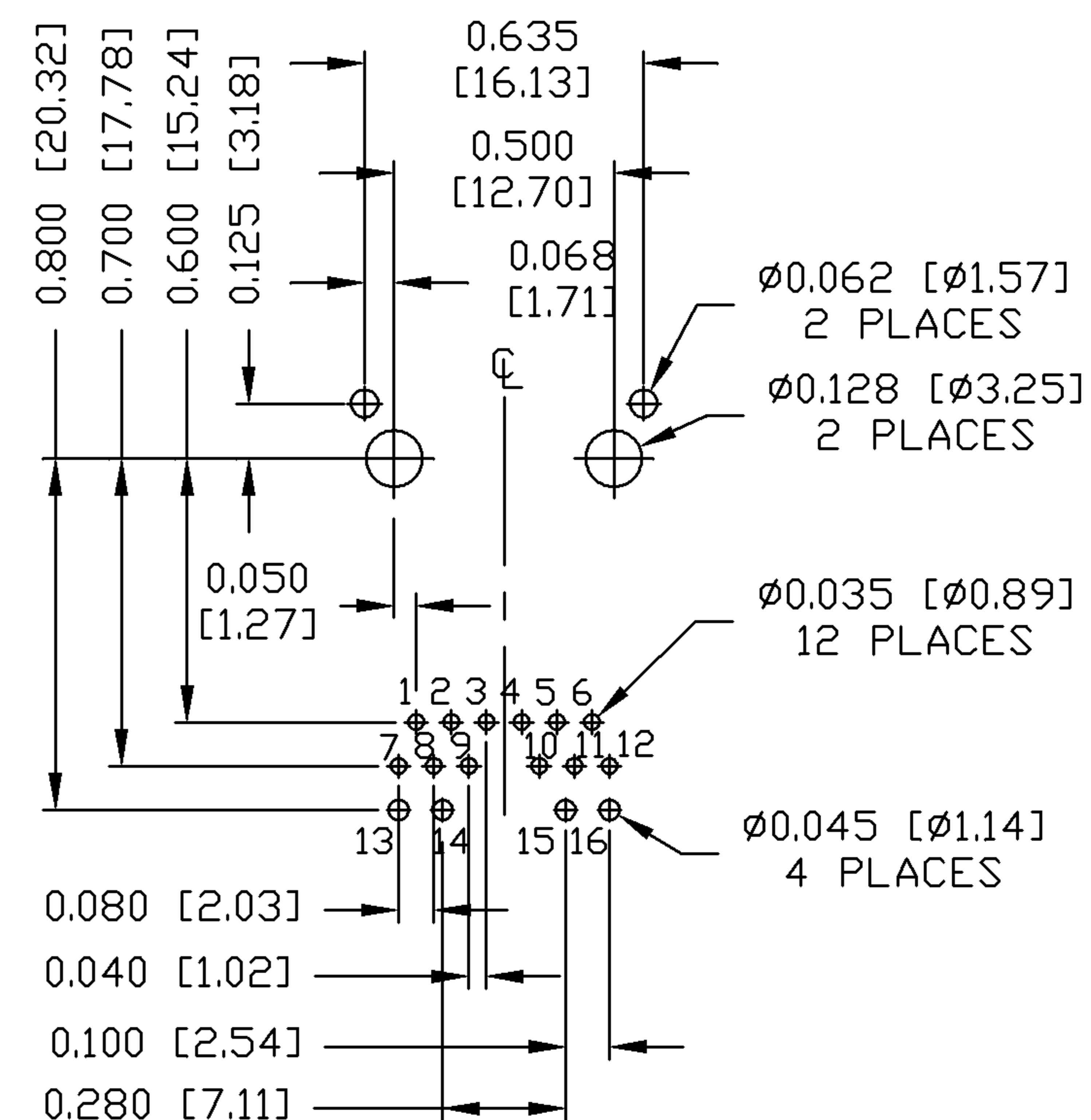
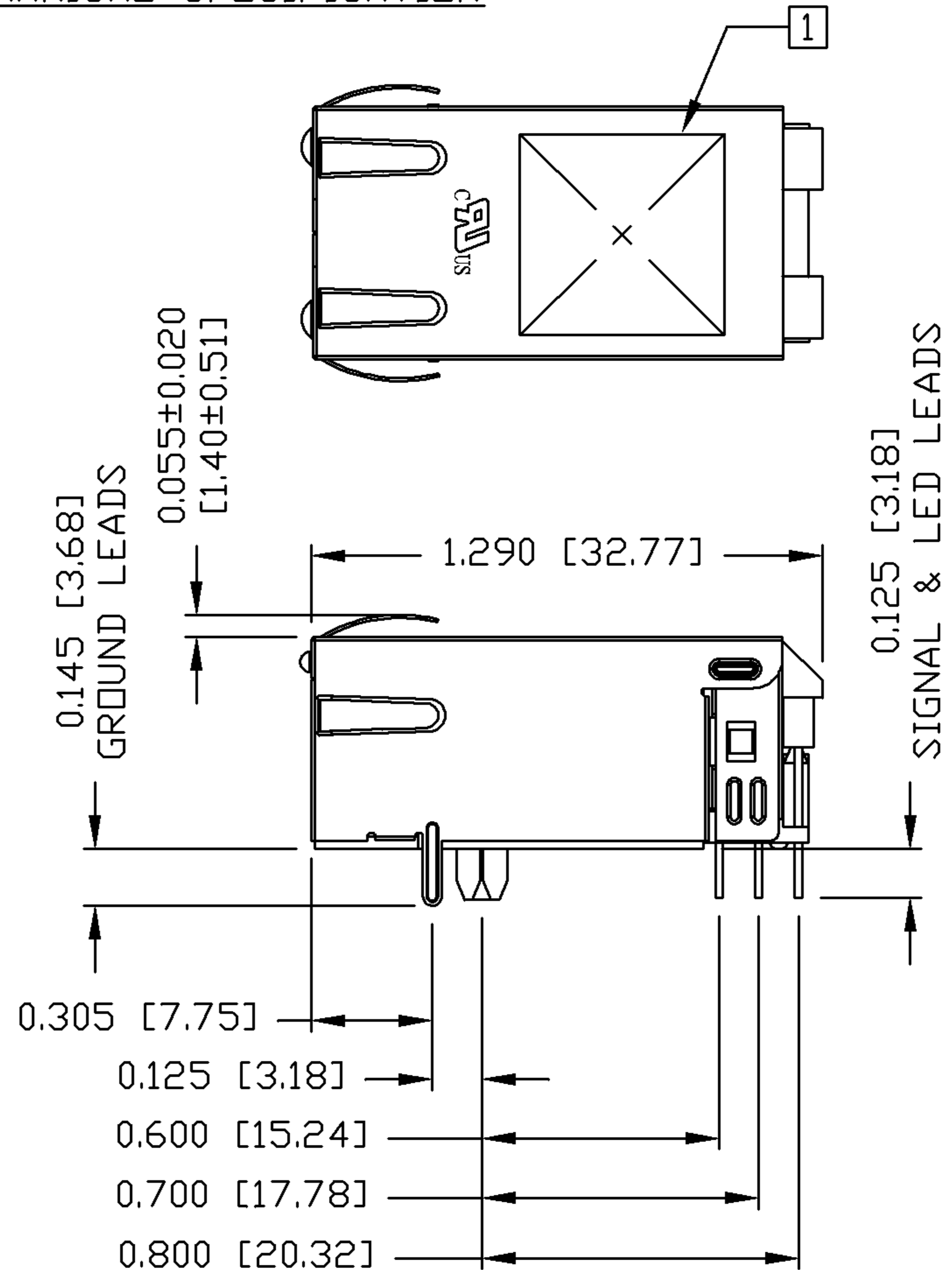
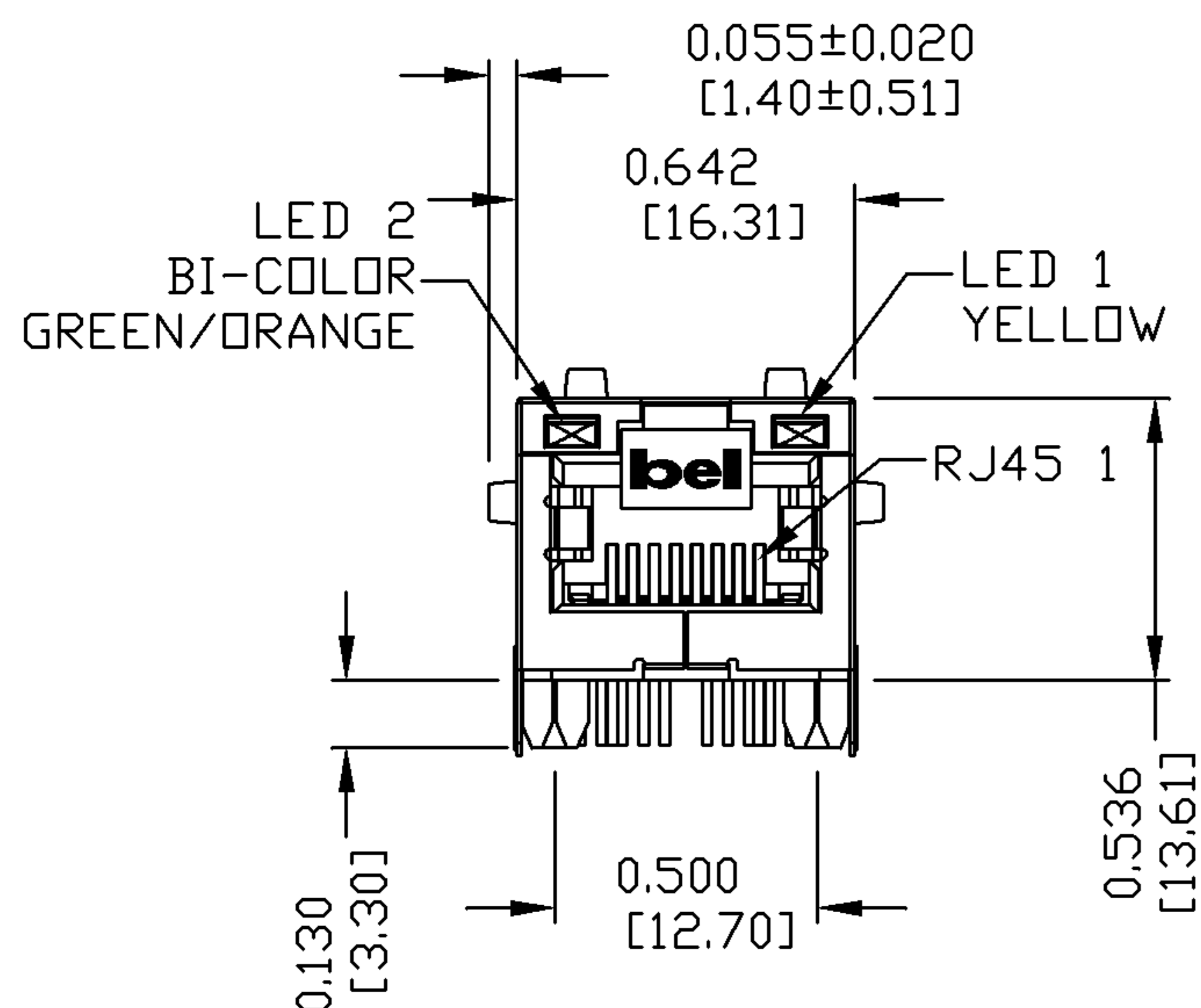
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MECHANICAL SPECIFICATION

RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW



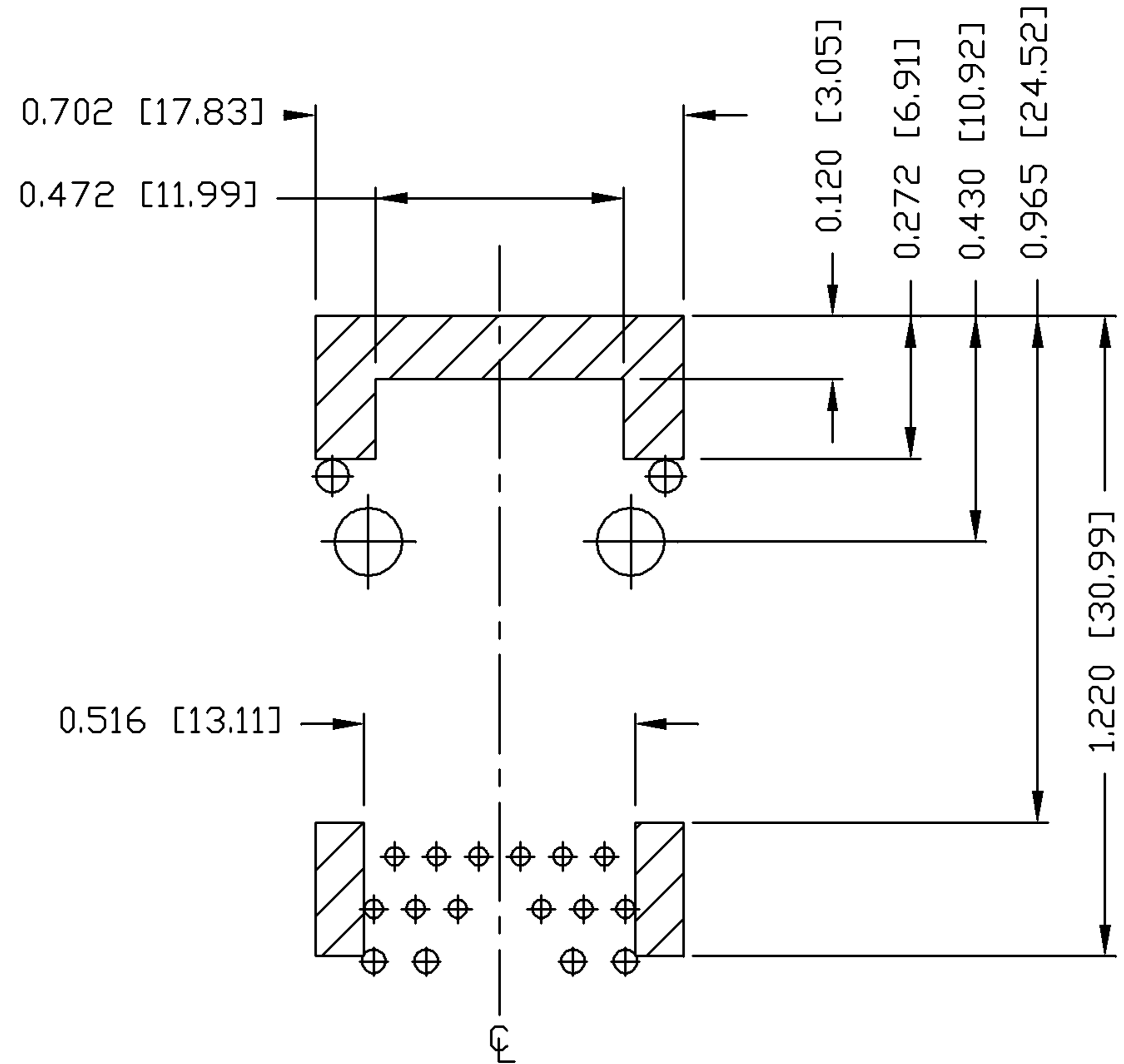
NOTES:
 PLASTIC HOUSING: THERMOPLASTIC PA
 FLAMMABILITY RATING UL 94V-0
 CONTACTS: 50 MICRO-INCH HARD GOLD PLATING
 OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
 METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
 (ALL GROUND LEADS ARE SOLDER DIPPED)

1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE.

UL US UL RECOGNIZED - FILE #E196366 AND E169987.
 RoHS COMPLIANT, PER EU DIRECTIVE 2002/95/EC
 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY ZX HUANG	DATE 07-28-08	TITLE gigabit MagJack® (8 cores, Tab Up)	PART NO. / DRAWING NO. 08261X1T43-F	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY BL CHEN	DATE 07-28-08	FILE NAME 08261X1T43-F_C.DWG	.X	UNIT : INCH [mm]	REV. : C	
			.XX	SCALE : N/A	SIZE : A4	
			.XXX ±0.010		PAGE : 3	

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NOTES

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

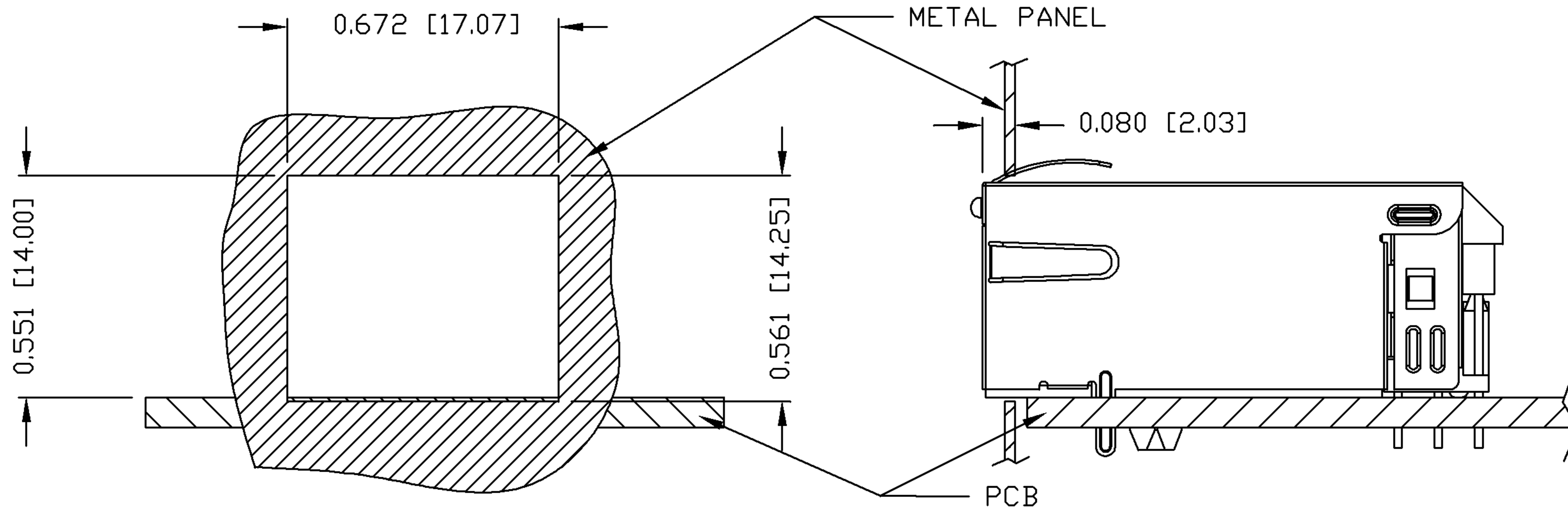
ORIGINATED BY ZX HUANG	DATE 07-28-08	TITLE gigabit MagJack® (8 cores, Tab Up) 0826-1X1T-43-F	PART NO. / DRAWING NO. 08261X1T43-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
DRAWN BY BL CHEN	DATE 07-28-08		FILE NAME 08261X1T43-F_C.DWG	.X	.XX	.XXX	UNIT : INCH [mm]	REV. : C	
			±0.004			SCALE : N/A	SIZE : A4		
							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-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 ZX HUANG	DATE 07-28-08	TITLE gigabit MagJack® (8 cores, Tab Up)	PART NO. / DRAWING NO. 08261X1T43-F	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		bel COMPONENTS FOR A CONNECTED PLANET
				TOL. IN INCH	UNIT : INCH [mm]	REV. : C		
DRAWN BY BL CHEN	DATE 07-28-08	0826-1X1T-43-F	FILE NAME 08261X1T43-F_C.DWG	.X	±0.004	SCALE : N/A	SIZE : A4	PAGE : 5
				.XX				
				.XXX				