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"PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE
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WRITTEN APPROVAL OF BEL FUSE INC.

LED1 POLARITY			LED2 POLARITY			
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	PIN 17	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	350mH MIN.
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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

CM TO CM REJ

100kHz - 100MHz	-30 dB MIN
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CM TO DM REJ

100kHz - 100MHz	-35 dB MIN
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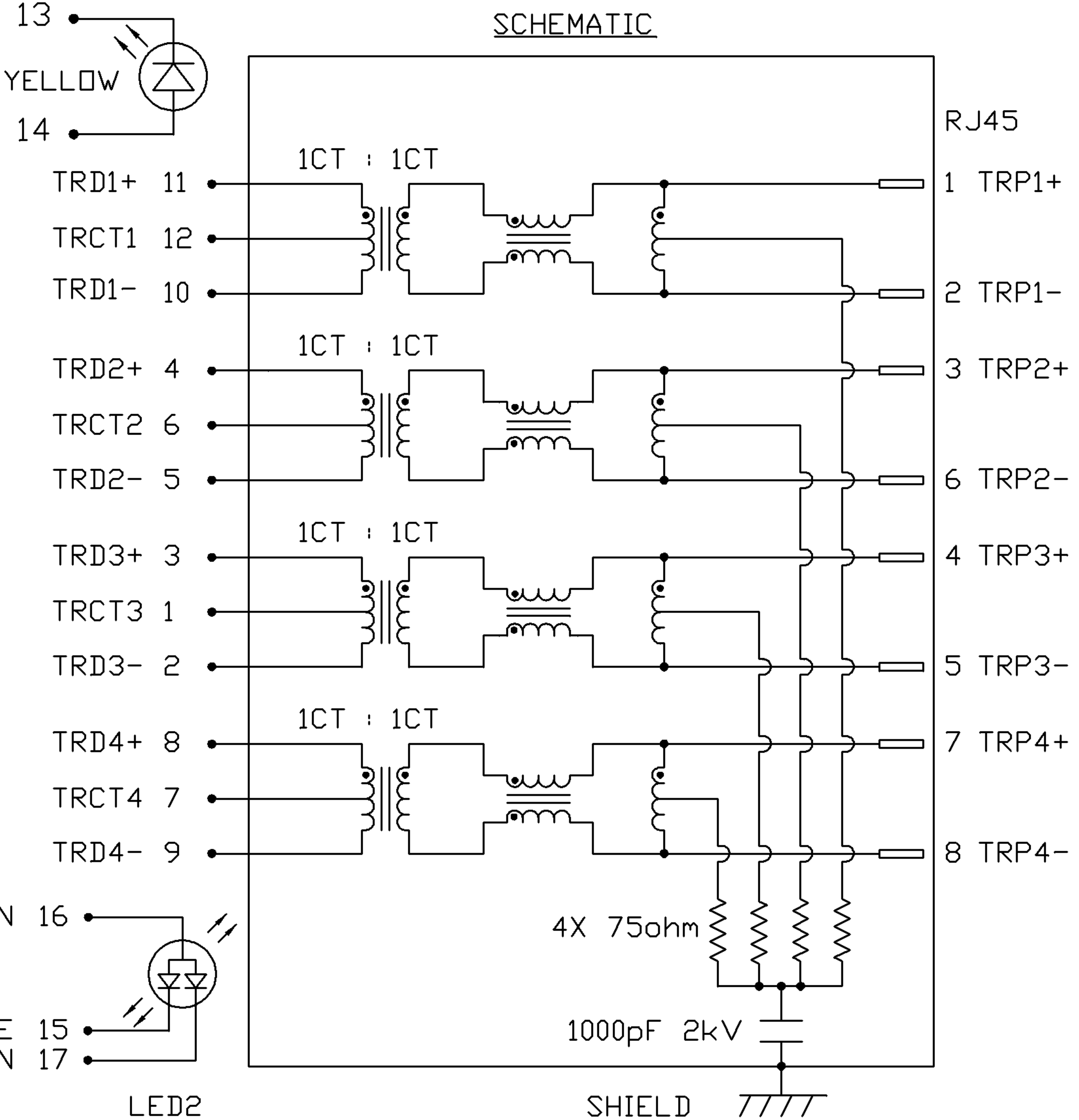
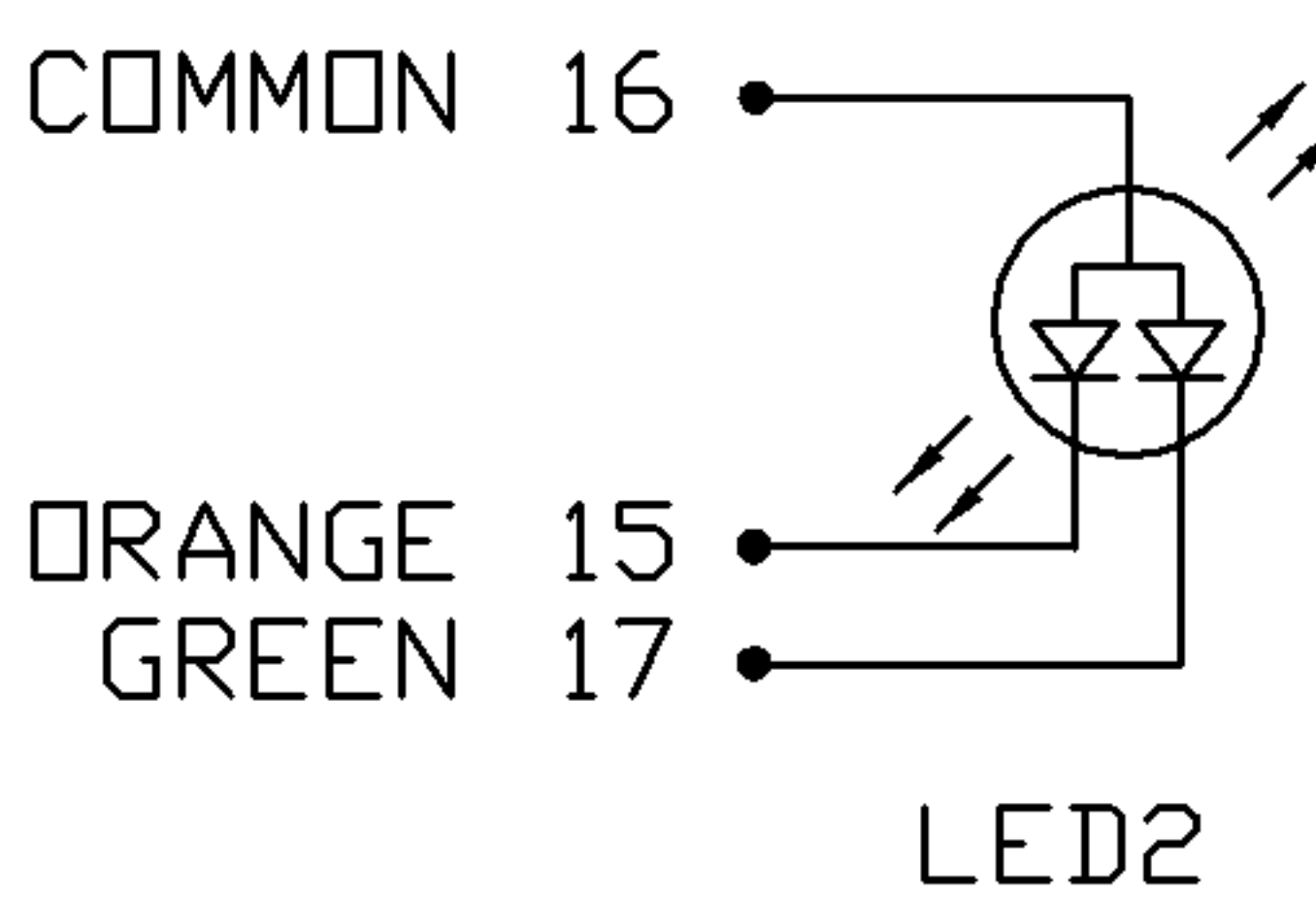
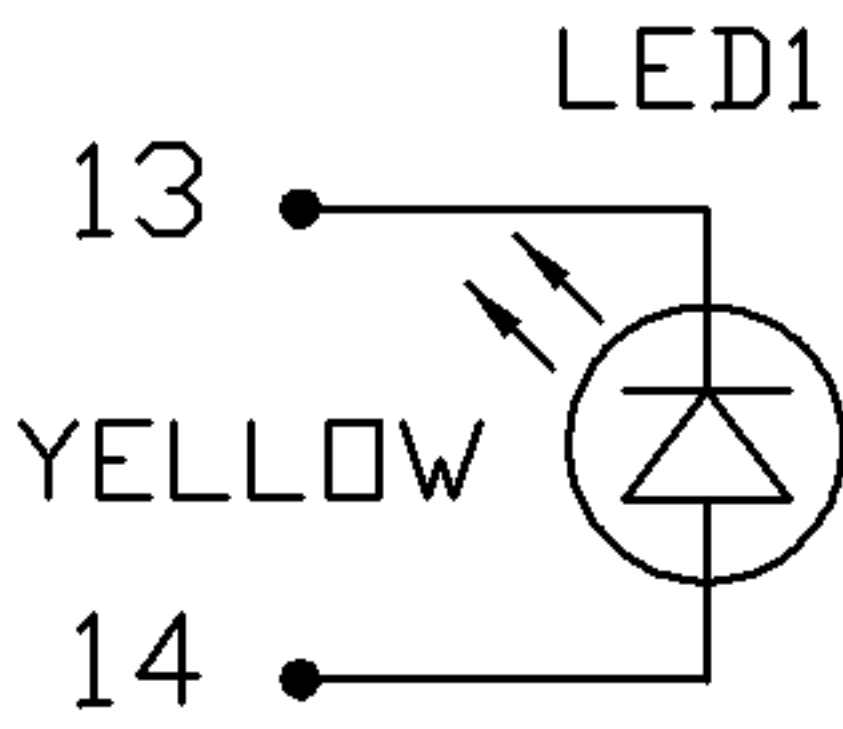
HIPOT (Isolation Voltage):	1500 Vrms or 2250VDC
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LED 1

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

LED 2

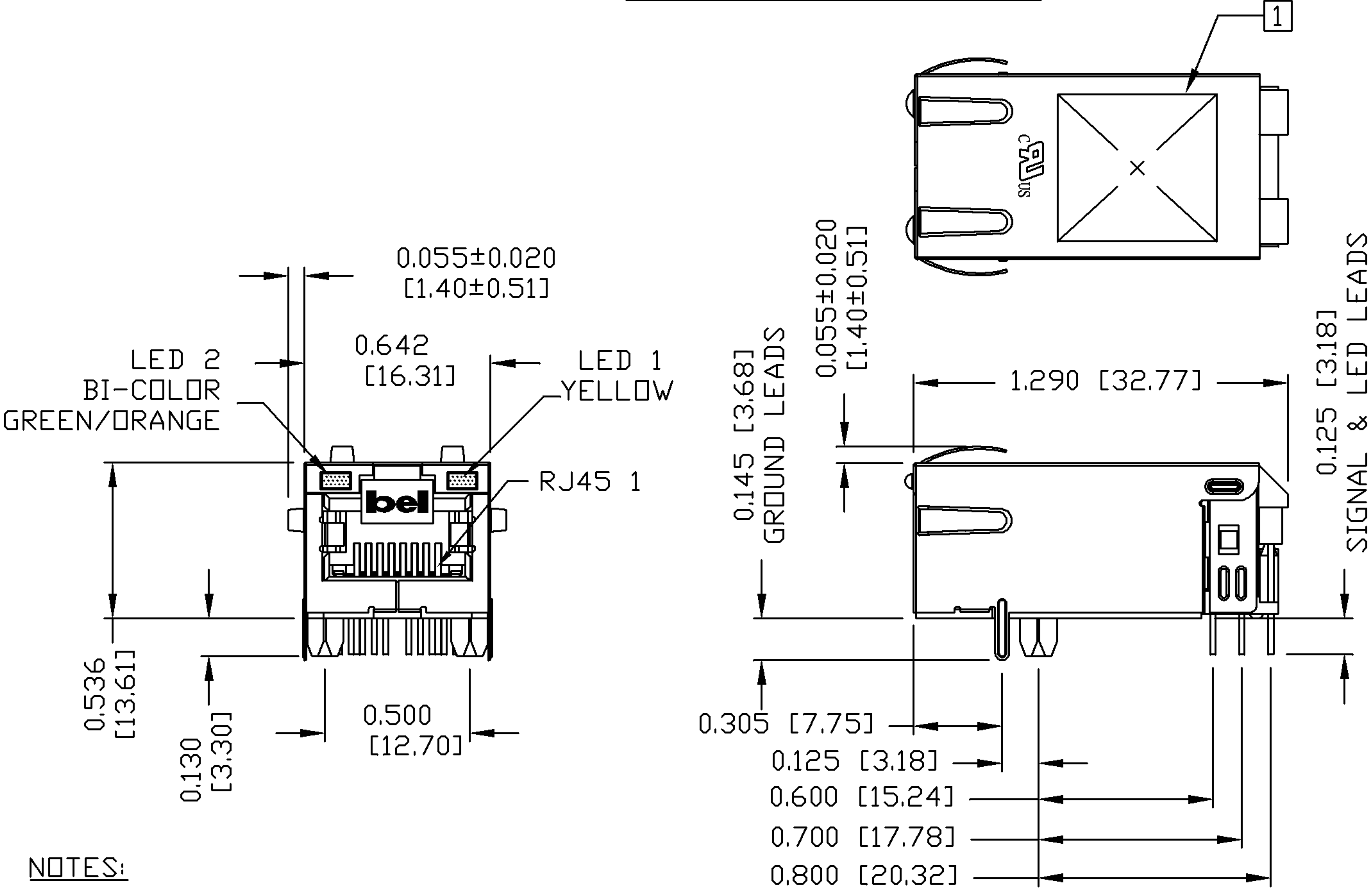
VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		ORANGE	2.0V TYP.
LD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		ORANGE	610nm TYP.



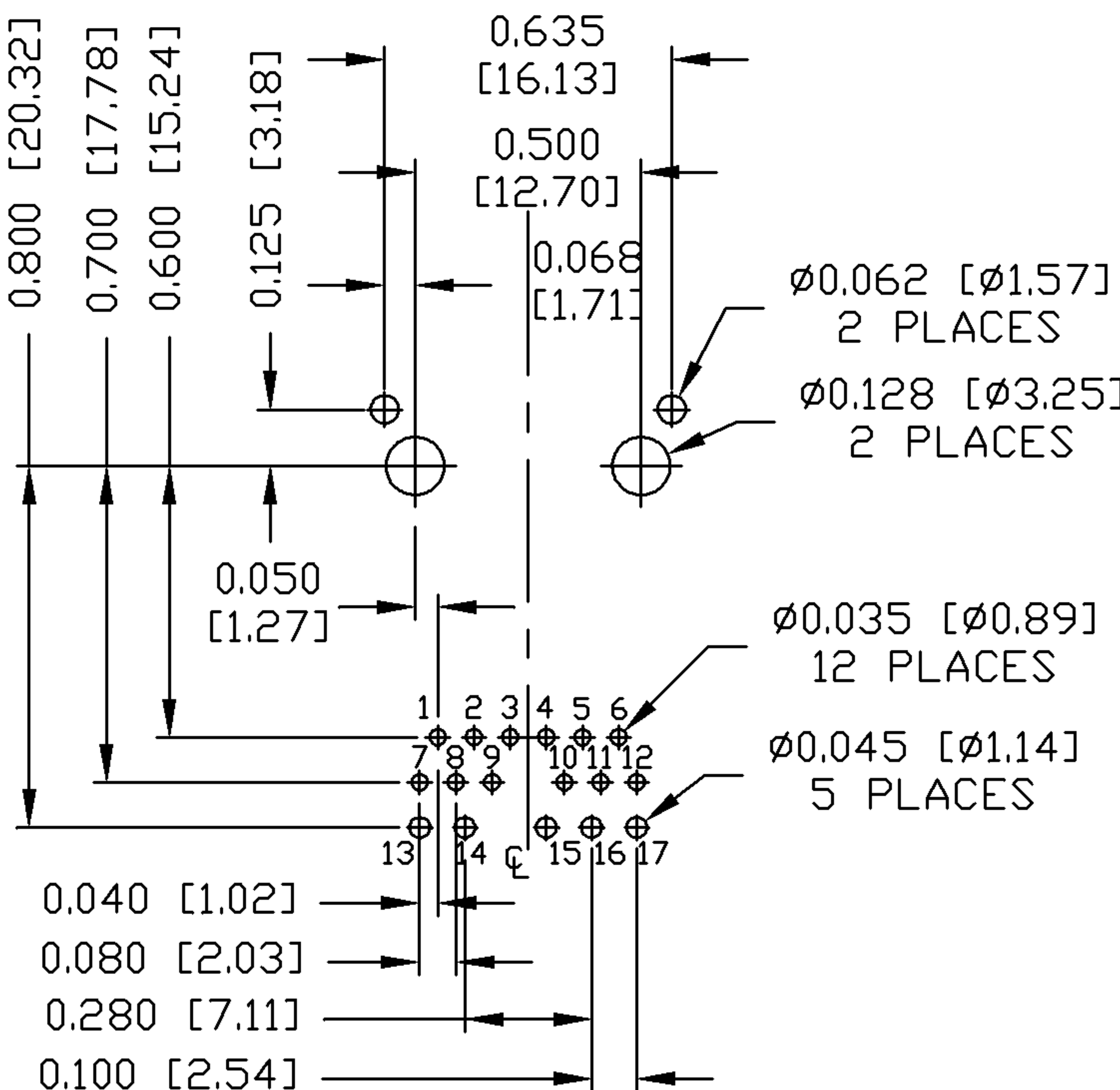
ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE			
CHOW WANCHUNG		06-18-08			TOL. IN INCH		UNIT : INCH [mm]			REV. : G
DRAWN BY		DATE			FILE NAME		SCALE : N/A			SIZE : A4
LEE WEIDE		06-18-08			0826-1J1T-23_G.DWG					PAGE : 2
			gigabit MagJack® (12 cores, Tab Up)	0826-1J1T-23						

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MECHANICAL SPECIFICATION



RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



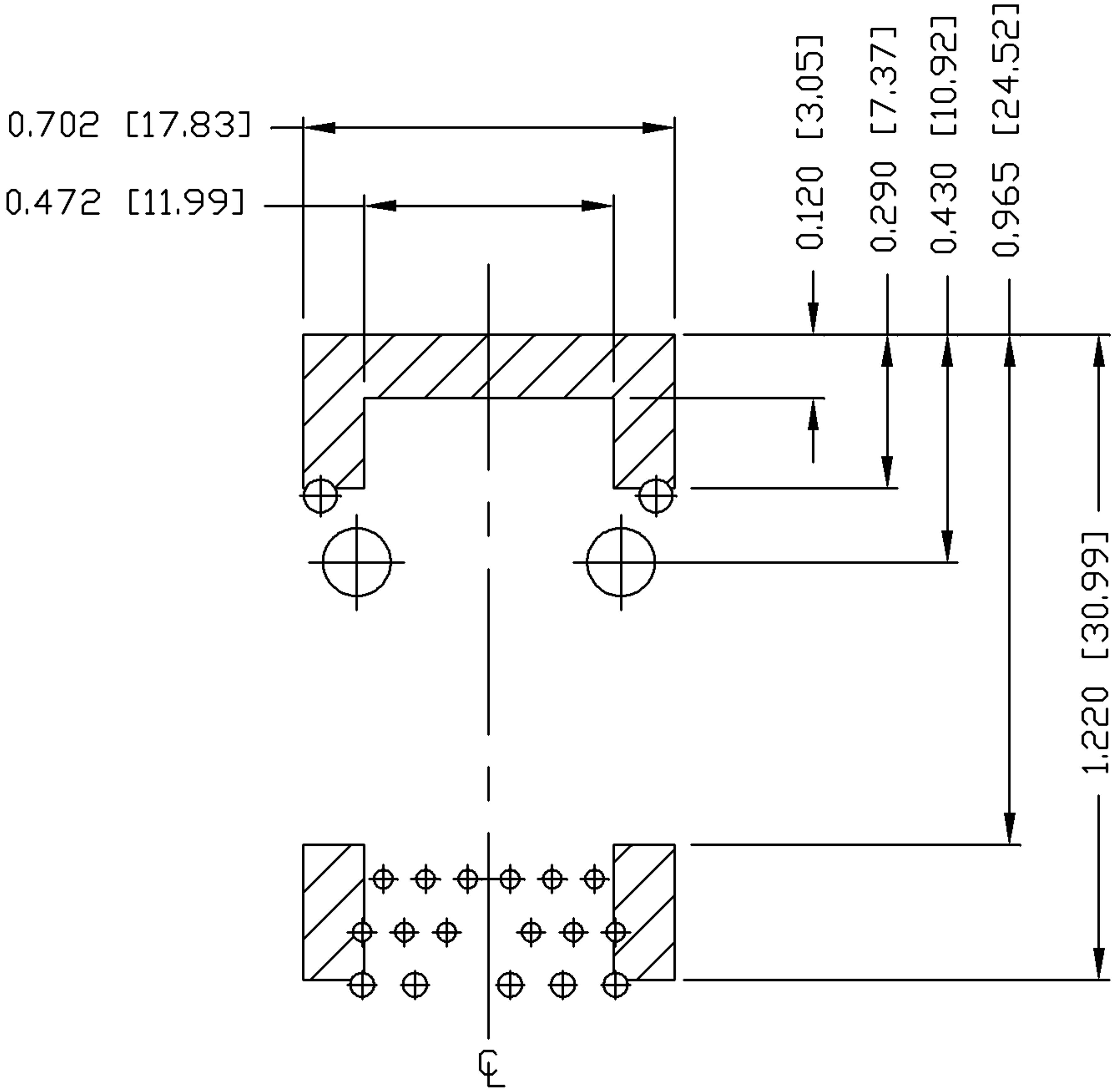
NOTES:

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.
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY	DATE	TITLE gigabit MagJack® (12 cores, Tab Up)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
ZX HUANG	06-18-08		0826-1J1T-23	TOL. IN INCH		UNIT : INCH [mm] REV. : G		
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
LU XUEPING	06-18-08		0826-1J1T-23_G.DWG	.XX		.XXX		
					±0.010			

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NOTES

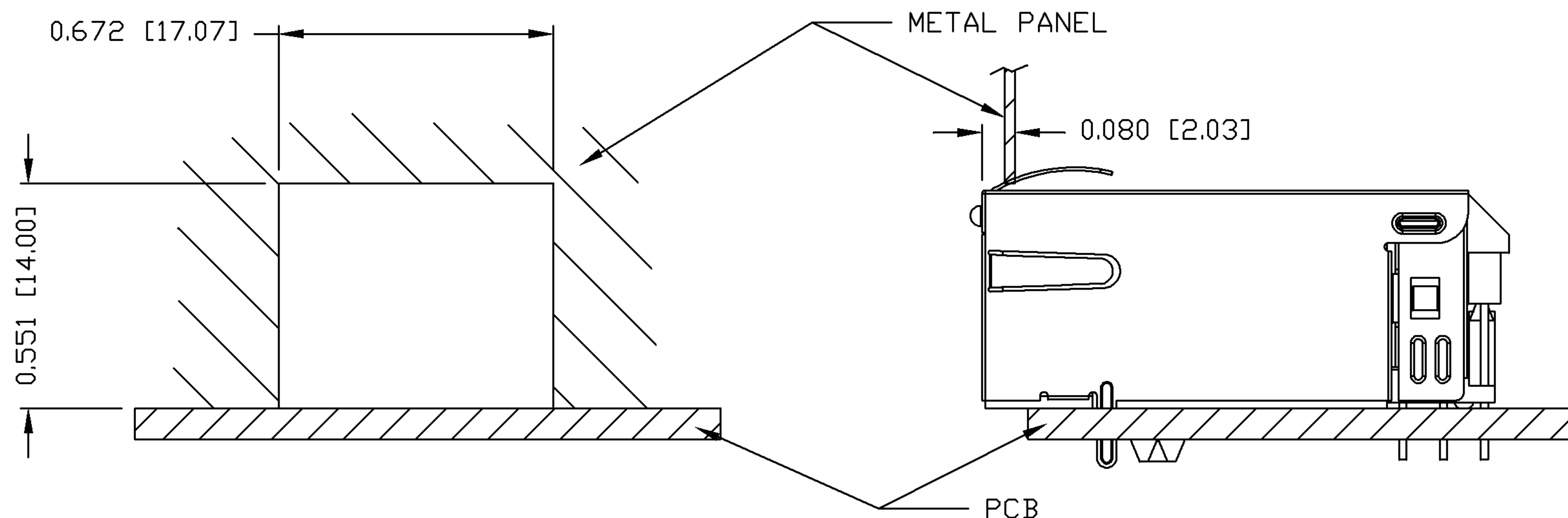
THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

ORIGINATED BY	DATE	TITLE gigabit MagJack® (12 cores, Tab Up)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
ZX HUANG	06-18-08		0826-1J1T-23	TOL. IN INCH		UNIT : INCH [mm]	REV. : G	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
LU XUEPING	06-18-08		0826-1J1T-23_G.DWG	.XX				
			.XXX	±0.004				



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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	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
ZX HUANG	06-18-08	gigabit MagJack® (12 cores, Tab Up)	0826-1J1T-23		UNIT : INCH [mm] REV. : G
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A
LU XUEPING	06-18-08		0826-1J1T-23_G.DWG	.XX	SIZE : A4
				.XXX ±0.004	PAGE : 5

