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



RJ45

ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio

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

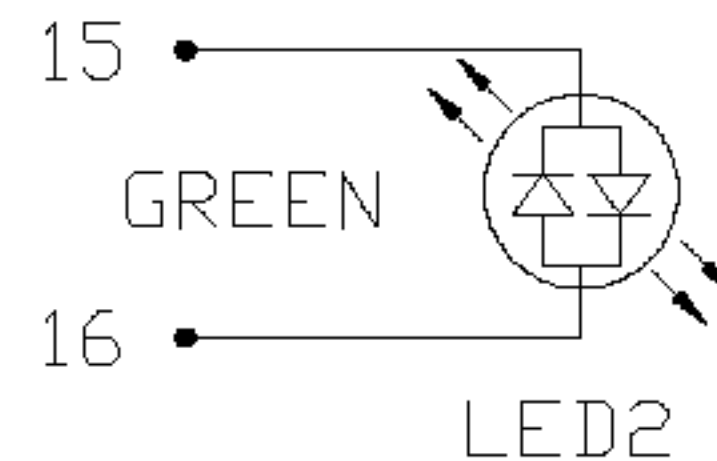
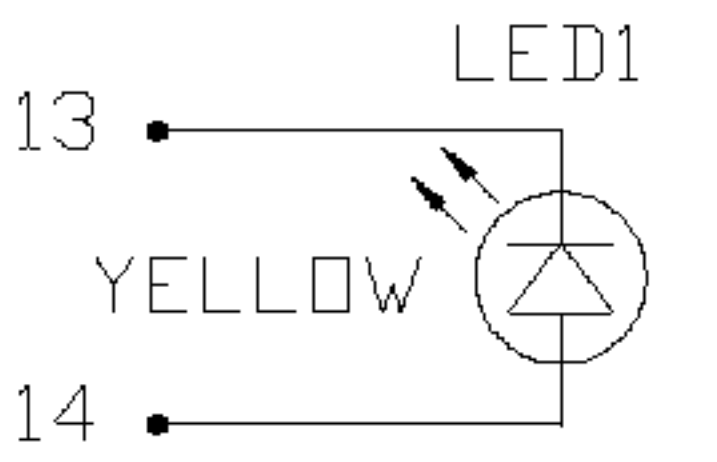
Cross Talk

Ch1-Ch2, Ch2-Ch3, Ch3-Ch4	
Ch4-Ch1, Ch2-Ch4, Ch3-Ch1	
1MHz - 30MHz	-37dB MIN
30MHz - 80MHz	-29dB MIN
80MHz - 100MHz	-28dB MIN

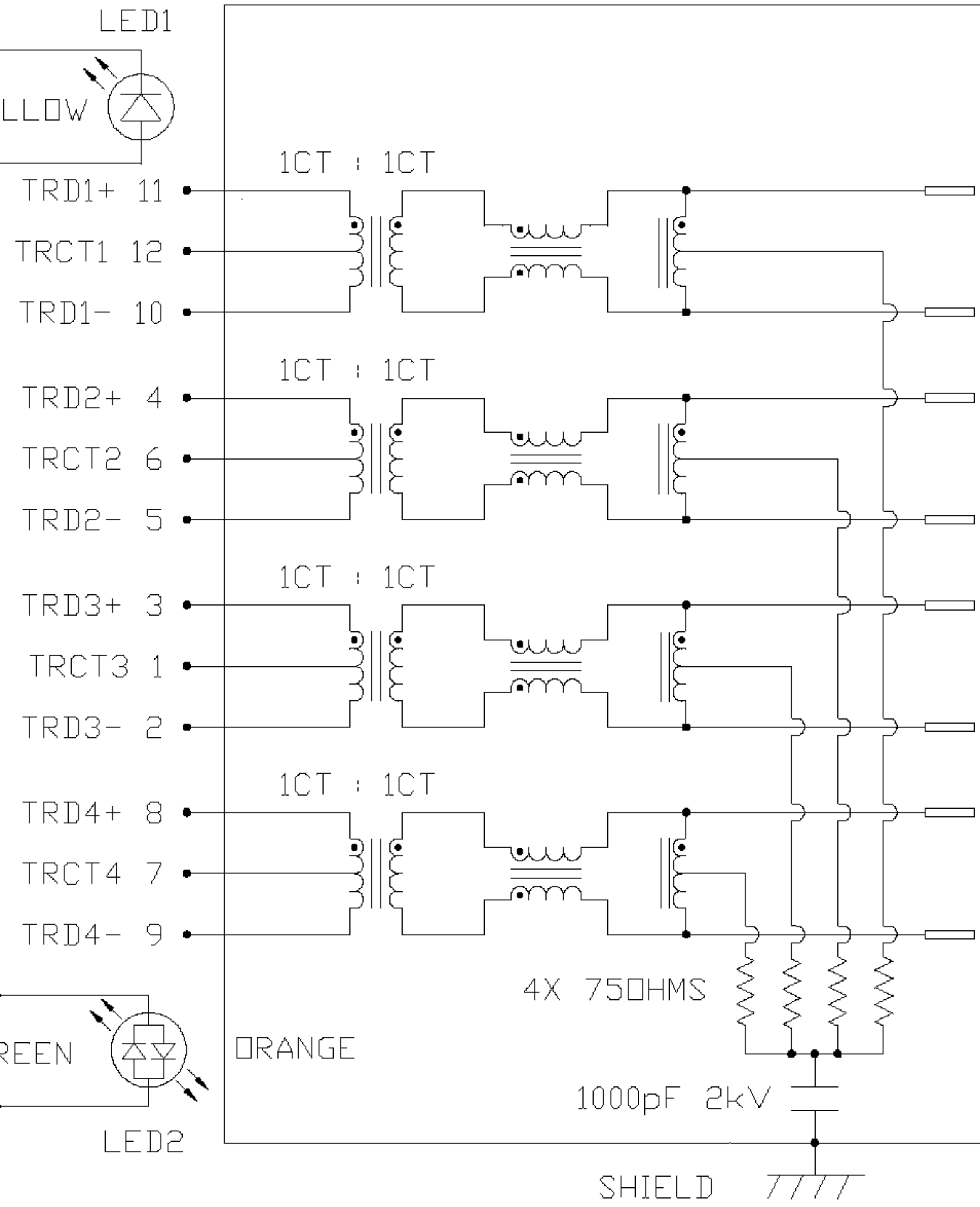
CM TO DM REJ

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.



SCHEMATIC

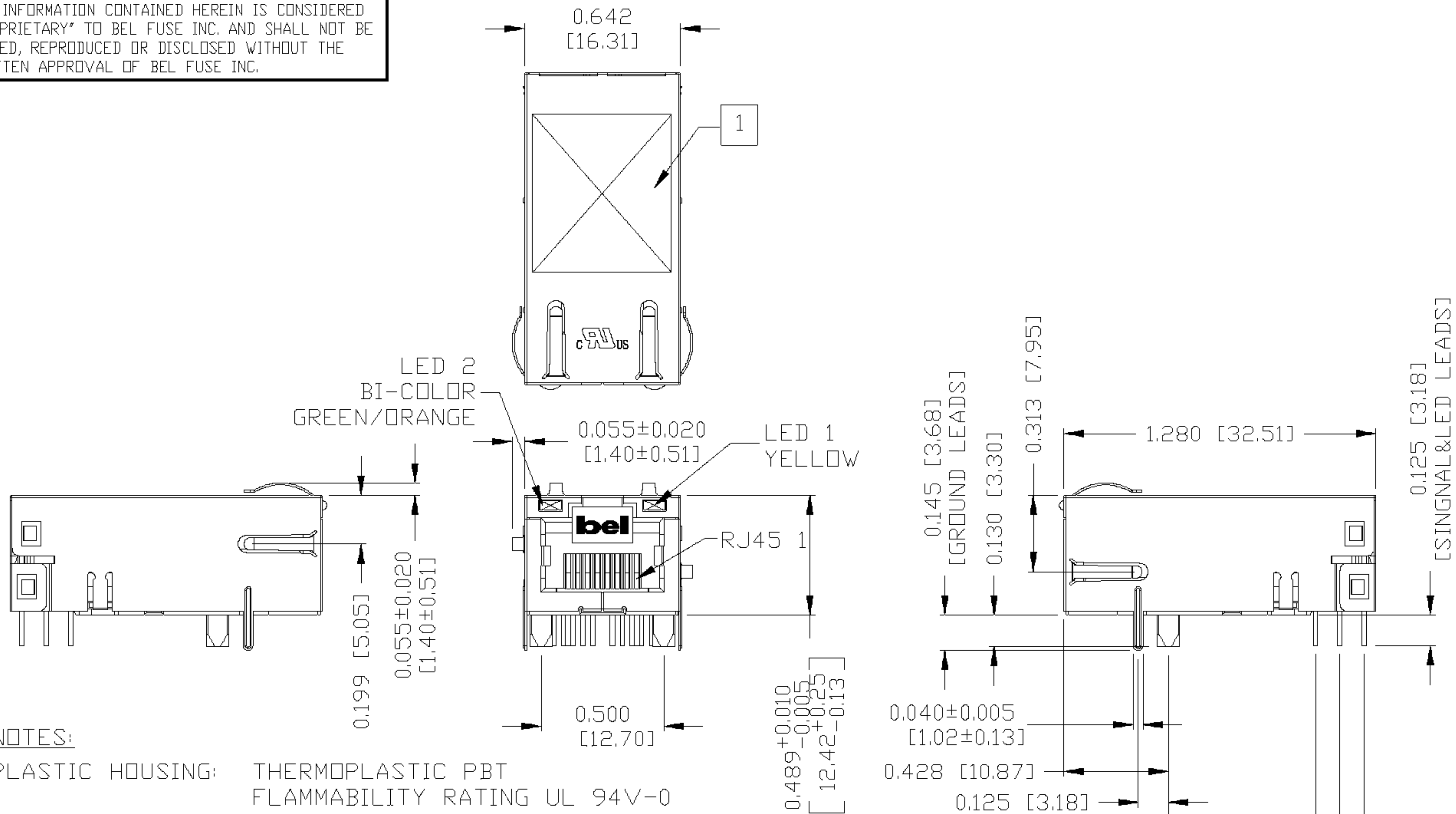


ORIGINATED BY	DATE	TITLE gigabit MagJack® (Low Profile, 12 cores) L826-1X1T-23-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHUNG	01-05-07		L8261X1T23-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
DE	01-05-07		L8261X1T23-FB.DWG	.XX			PAGE : 2	
			.XXX					



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RoHS
2002/95/EC



NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACTS PLATING: 50 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 DIPPING)

[1] MARK PART WITH MFG. LOGO; MFG. NAME; PART NUMBER; DATE CODE.
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.
RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

 UL RECOGNIZED - FILE #E196366 AND E169987.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B
CHRIS/BILL	01-05-07	gigabit MagJack® (Low Profile, 12 cores) L826-1X1T-23-F	L8261X1T23-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			PAGE : 3
TING	01-05-07			.XXX	±0.010		



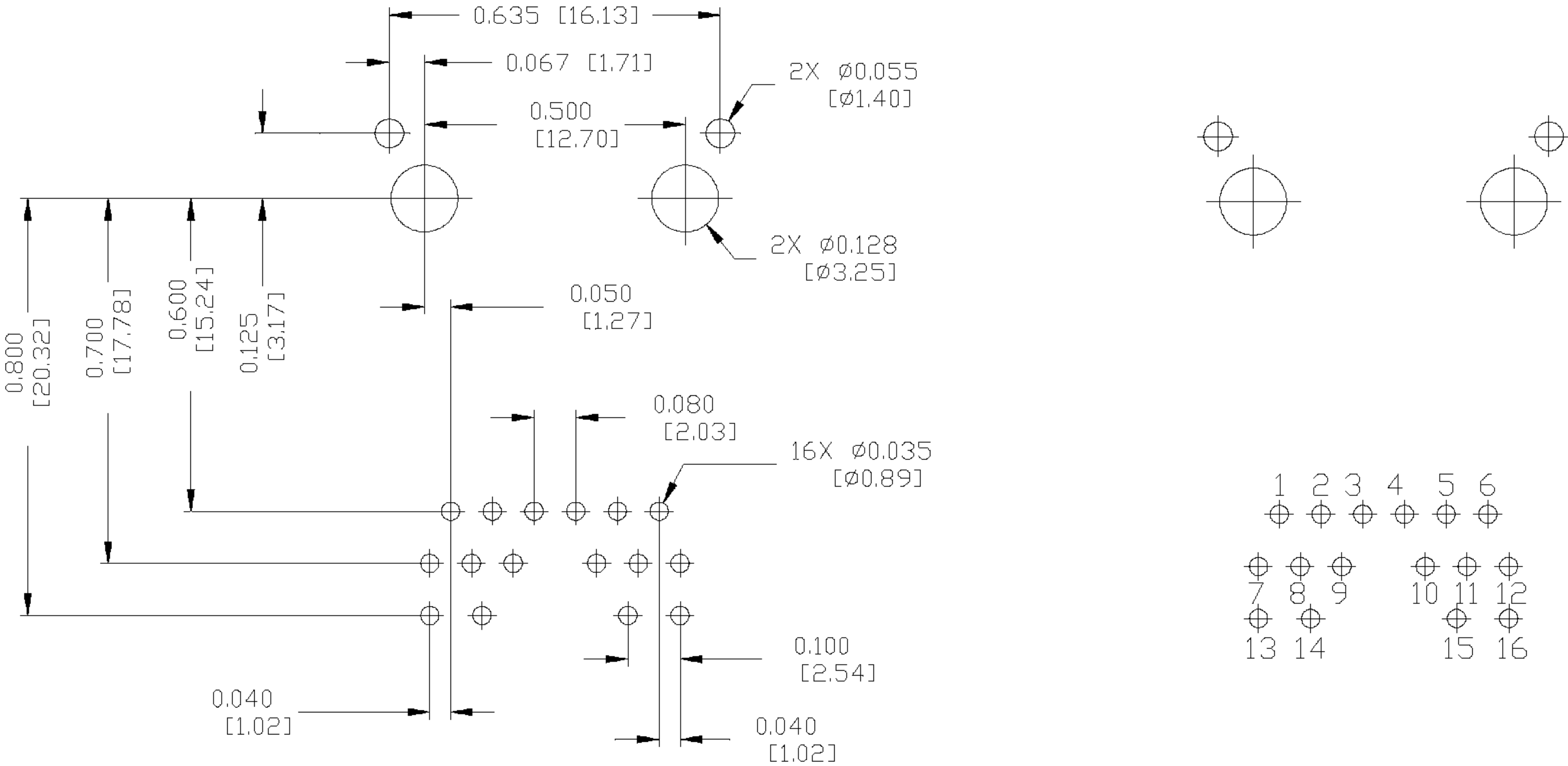
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RECOMMENDED PCB FOOTPRINT

(COMPONENT SIDE VIEW)

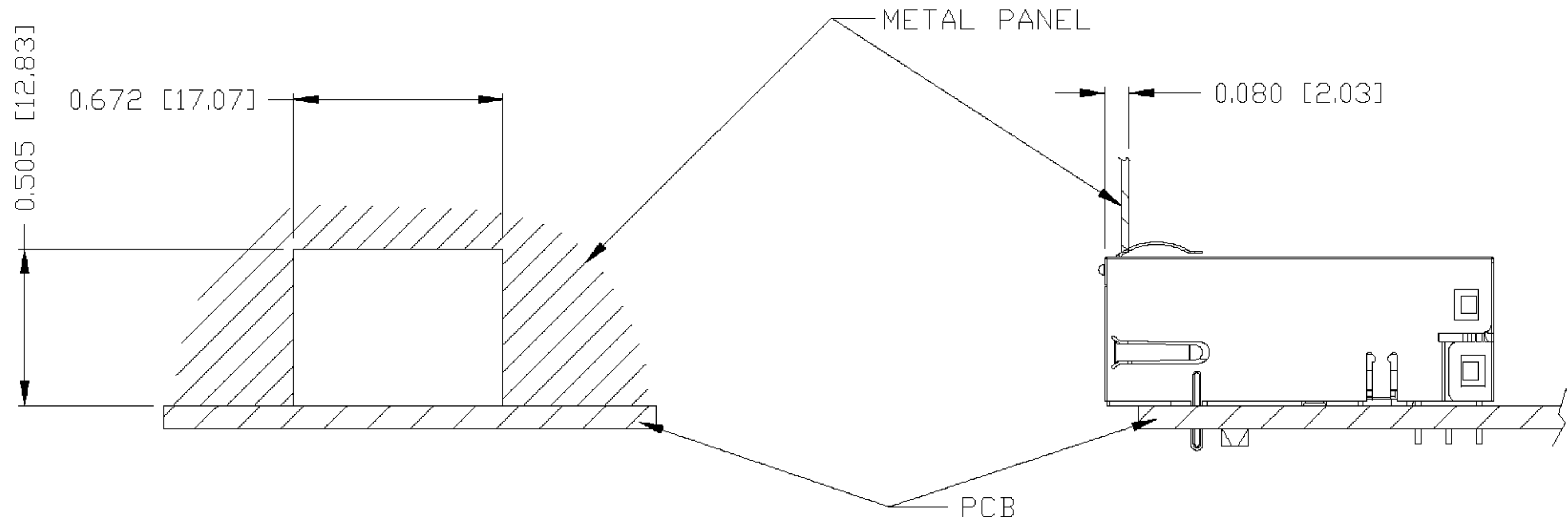


ORIGINATED BY CHRIS/BILL	DATE 01-05-07	TITLE gigabit MagJack® (Low Profile, 12 cores) L826-1X1T-23-F	PART NO. / DRAWING NO. L8261X1T23-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
				.X		UNIT : INCH [mm]	REV. : B
DRAWN BY TING	DATE 01-05-07		FILE NAME L8261X1T23-FB.DWG	.XX		SCALE : N/A	SIZE : A4
				.XXX	±0.004		PAGE : 4





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-D6 (TOP)

0200-9999-D7 (BOTTOM)

PACKING QUANTITY: 40 PCS FINISHED GOODS PER TRAY

11 TRAYS (440 PCS FINISHED GOODS) PER CARTON BOX

NOTE: CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

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DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
TING	01-05-07		L8261X1T23-FB.DWG	.XX			PAGE : 5	
				.XXX	±0.004			

