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LED2 POLARITY			LED1 POLARITY		
PIN 11	PIN 12	COLOR	PIN 9	PIN 10	COLOR
+	-	ORANGE	-	+	YELLOW
-	+	GREEN			

ELECTRICAL CHARACTERISTICS @ 25°C

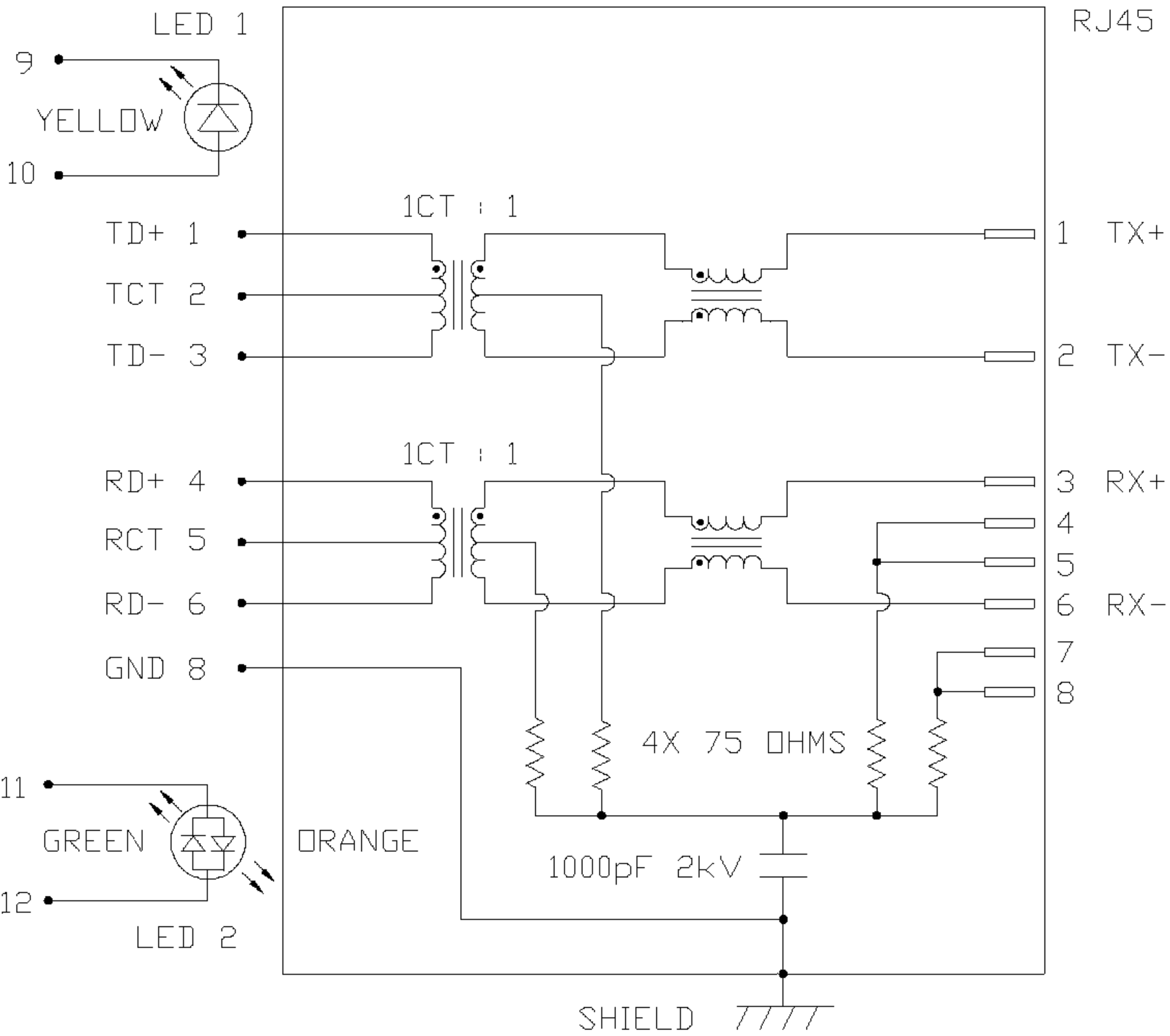
URNS RATIO

TX	1CT : 1
RX	1CT : 1
OCL @ 100kHz/100mVRMS	
8mA DC BIAS	350μH MIN.
INS. LOSS	
1MHz TO 100MHz	-1.1 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	-30 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 staggered pin MagJack® (4 Cores) 0817-1X1T-21-F	PART NO. / DRAWING NO. 08171X1T21-F		STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
CHUNG	03-03-07		FILE NAME 08171X1T21-FB.DWG		.X		UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE				.XX		SCALE : N/A	SIZE : A4
DE	03-03-07				.XXX			PAGE : 2

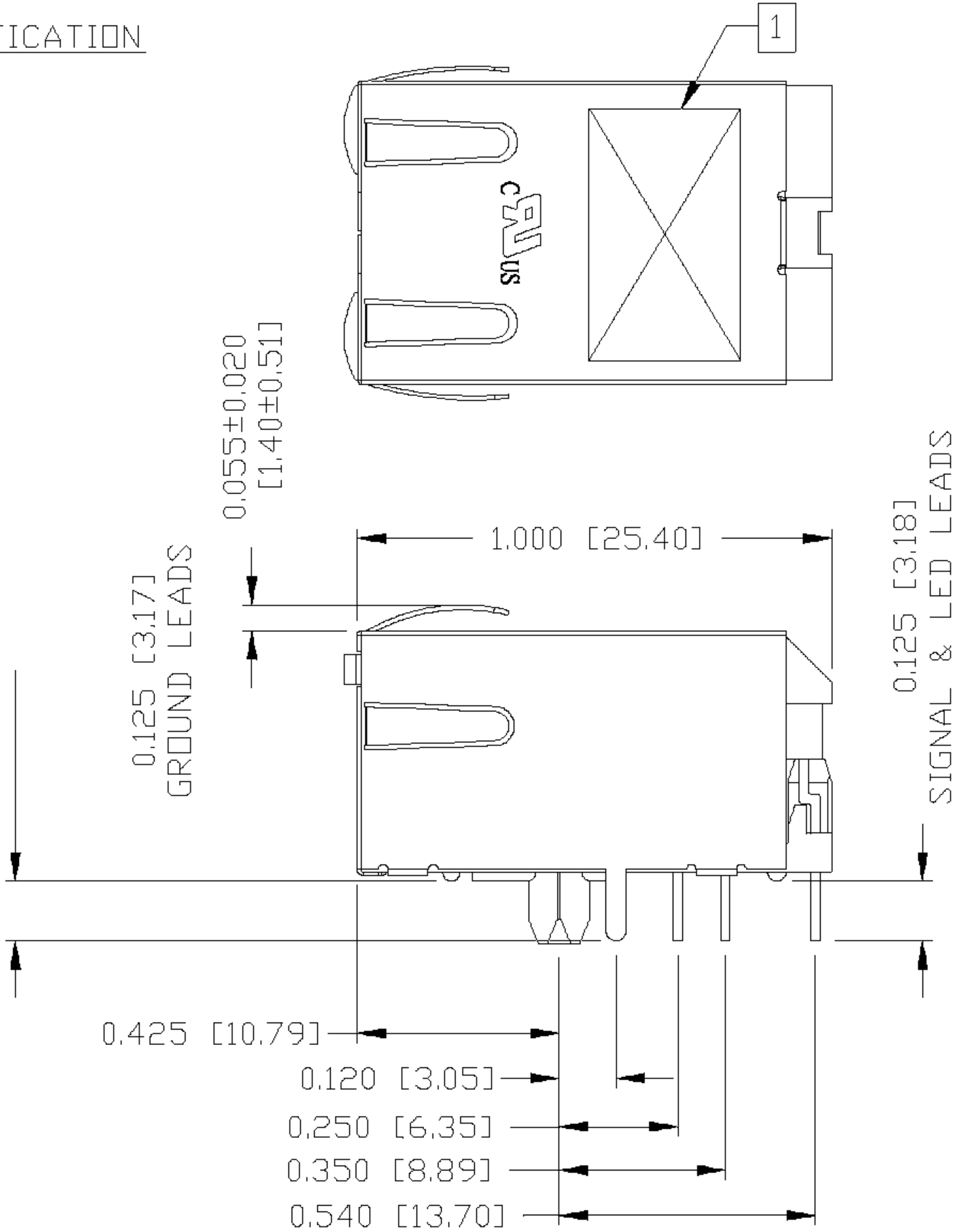
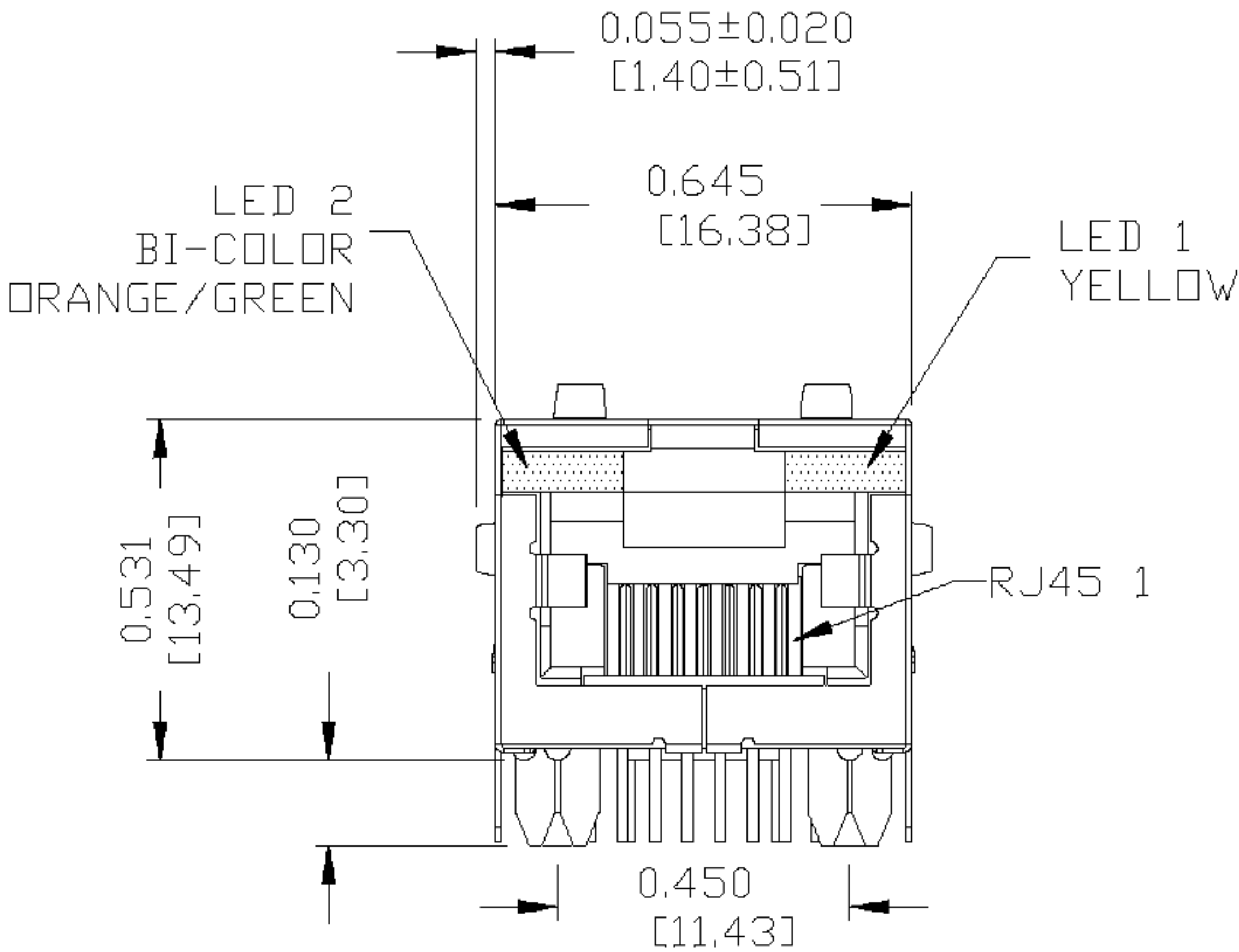


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RoHS
2002/95/EC



MECHANICAL SPECIFICATION



NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACT 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 LEAD ARE SOLDER DIPPED)

1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, AND DATE CODE. 2. RoHS COMPLIANT, PER EU DIRECTIVE 2002/95/EC
cULus UL RECOGNIZED - FILE #E196366 AND E169987. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B
CHRIS/BILL	03-03-07	staggered pin MagJack® (4 Cores) 0817-1X1T-21-F	08171X1T21-F FILE NAME 08171X1T21-FB.DWG	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			PAGE : 3
JOLLY	03-03-07			.XXX	±0.010		

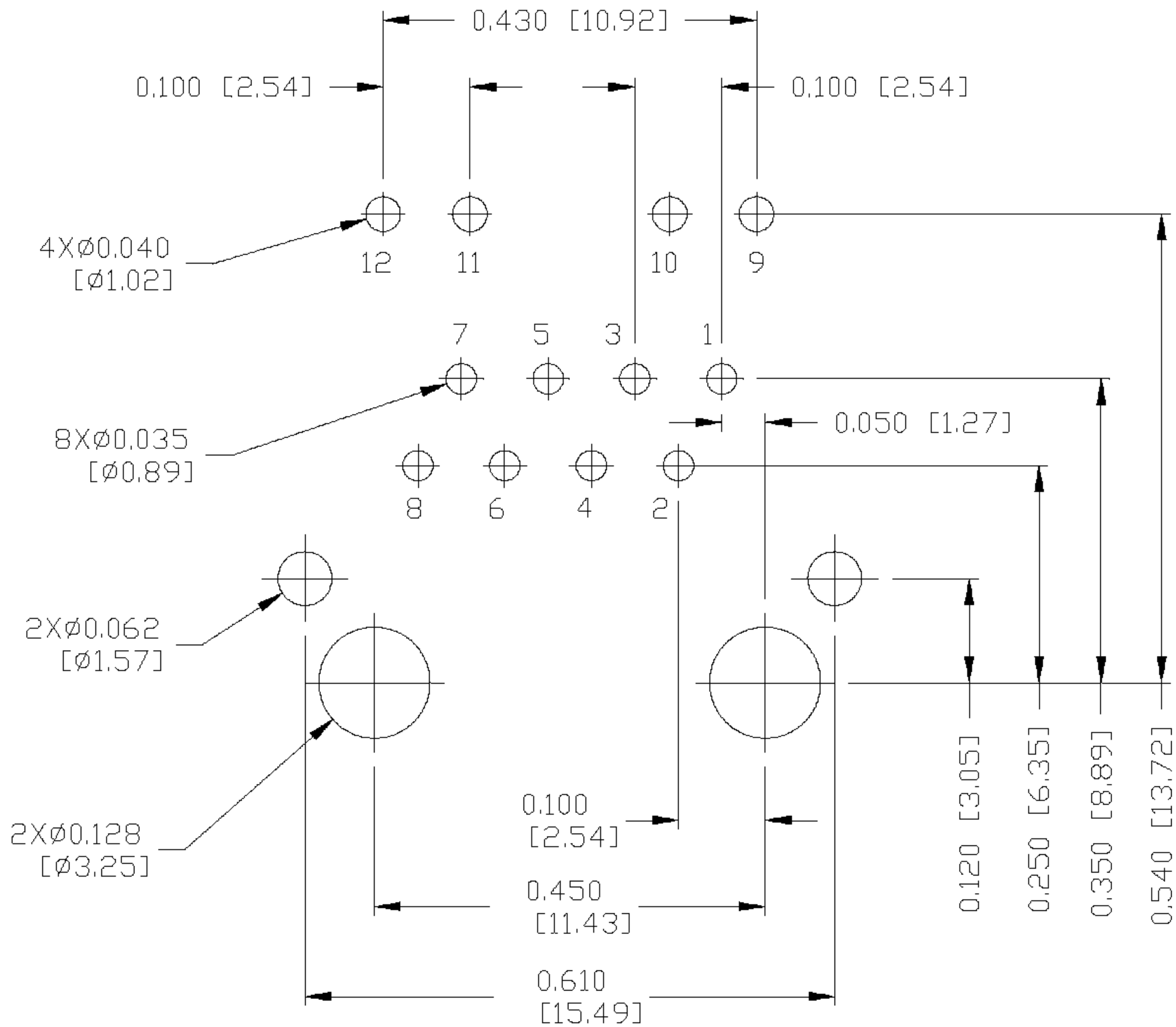


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RECOMMENDED PCB FOOTPRINT



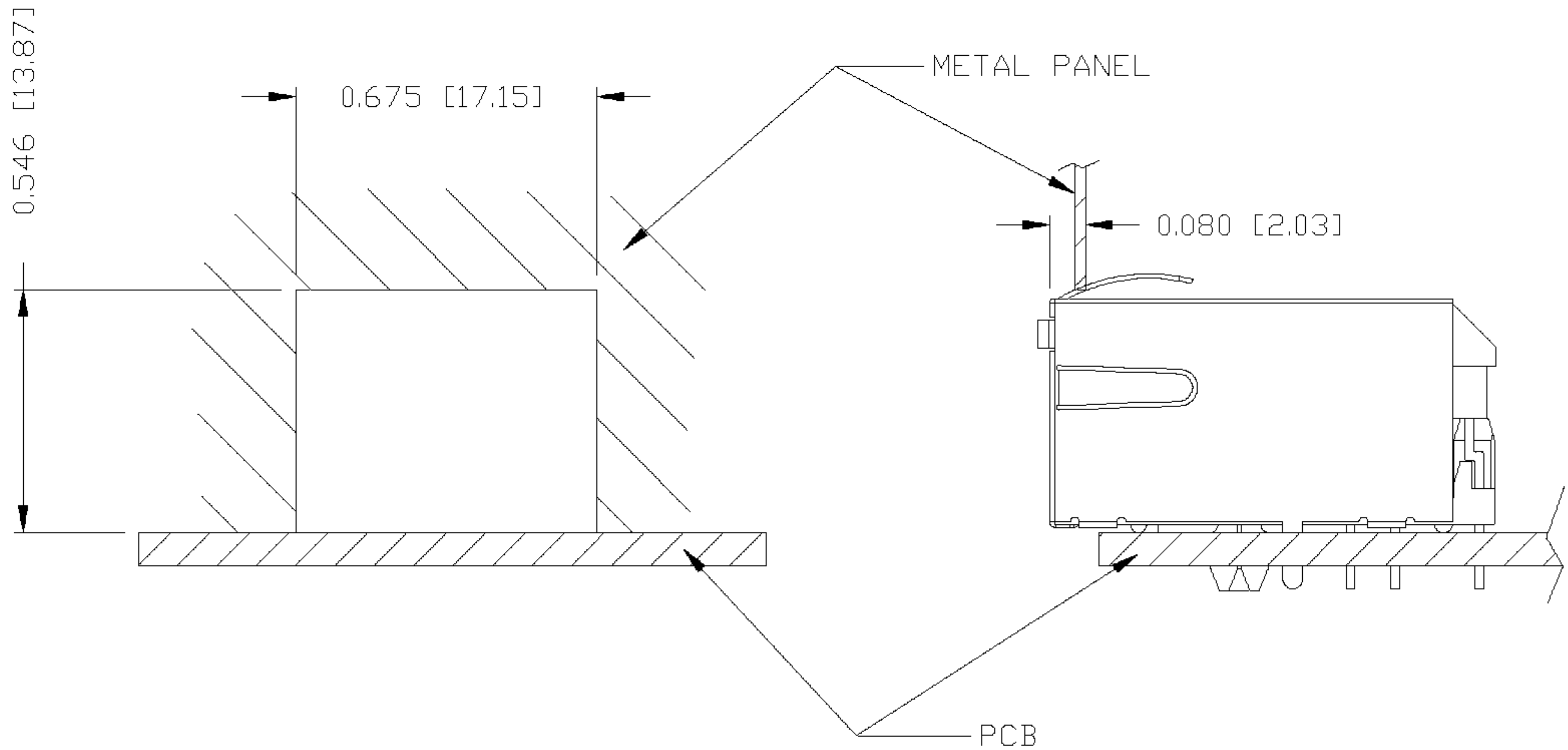
ORIGINATED BY CHRIS/BILL	DATE 03-03-07	TITLE staggered pin MagJack® (4 Cores) 0817-1X1T-21-F	PART NO. / DRAWING NO. 08171X1T21-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
				.X		UNIT : INCH [mm]	REV. : B
DRAWN BY JOLLY	DATE 03-03-07		FILE NAME 08171X1T21-F.B.DWG	.XX		SCALE : N/A	SIZE : A4
				.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-A2
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)

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				.X		UNIT : INCH [mm]	REV. : B
DRAWN BY JOLLY	DATE 03-03-07			.XX		SCALE : N/A	SIZE : A4
				.XXX	±0.004		PAGE : 5

