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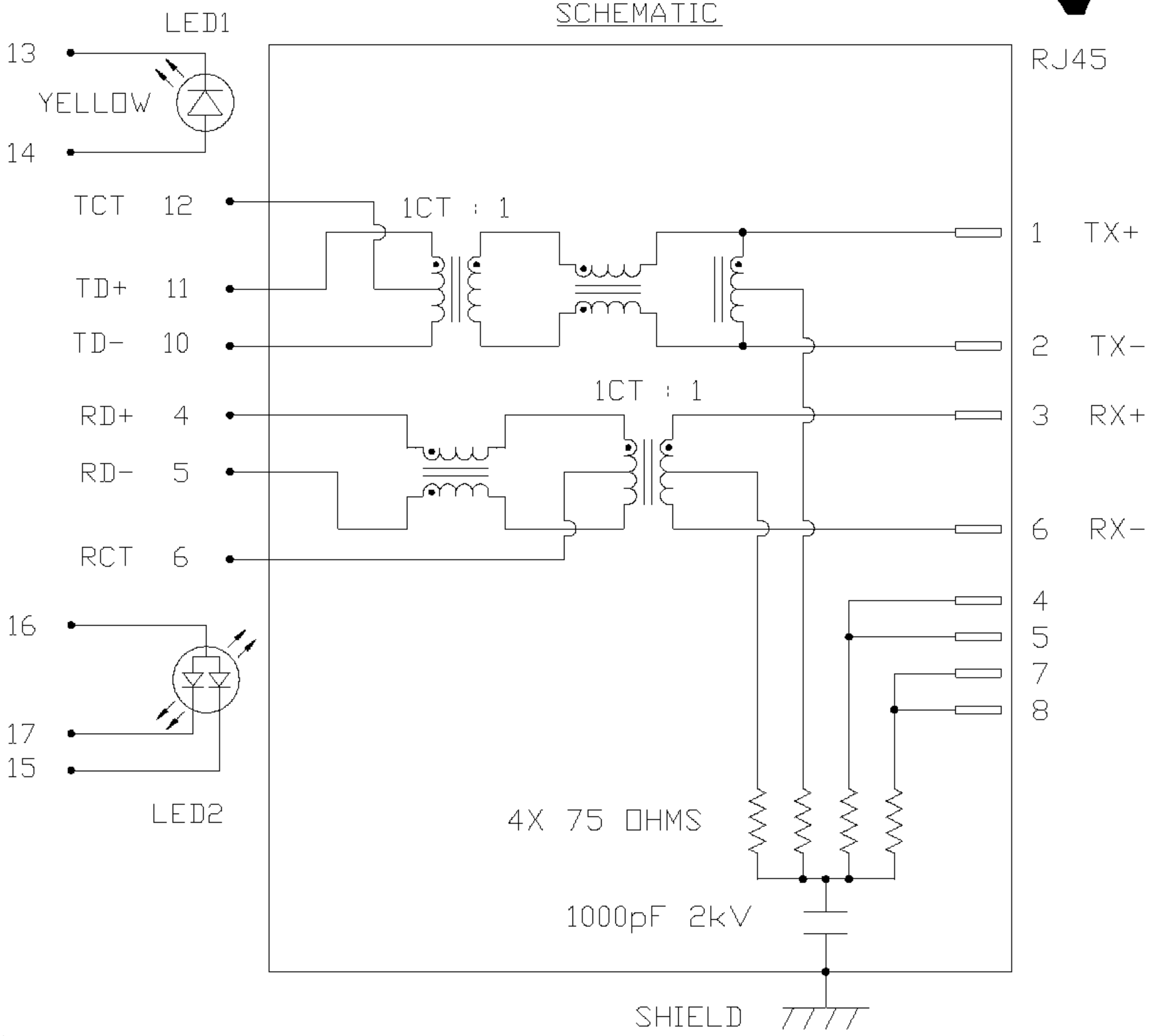
LED1 POLARITY			LED2 POLARITY			
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	PIN 17	COLOR
-	+	YELLOW	-	+		ORANGE
				+	-	GREEN
			-	+	-	MIXED YELLOW

ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio	
TX	1CT : 1
RX	1CT : 1
OCL @ 100kHz/100mVRMS	
8mA DC BIAS (0-70°C)	350µH MIN.
INS. LOSS	
1MHz TO 100MHz	-1.0 dB MAX
RET. LOSS (MIN) @ 100 OHMS +/- 15%	
1MHz-30MHz	-18 dB
30MHz-60MHz	-18+20LOG(f/30MHz) dB
60MHz-80MHz	-12 dB
CM TO CM REJ	
100kHz - 100MHz	-30 dB MIN
CM TO DM REJ	
100kHz - 100MHz	-35 dB MIN
HIPOT (Isolation Voltage):	1500 Vrms / 2250VDC
100% OF PRODUCT TESTED IN PRODUCTION	

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 YELLOW GREEN 2.2V TYP.
	AMBER 2.1V TYP.
λD (DOMINANT WAVELENGTH)	IF=20mA YELLOW GREEN 570nm TYP.
	AMBER 607nm TYP.

MIXED YELLOW DOES NOT HAVE SPECIFIC WAVELENGTH.

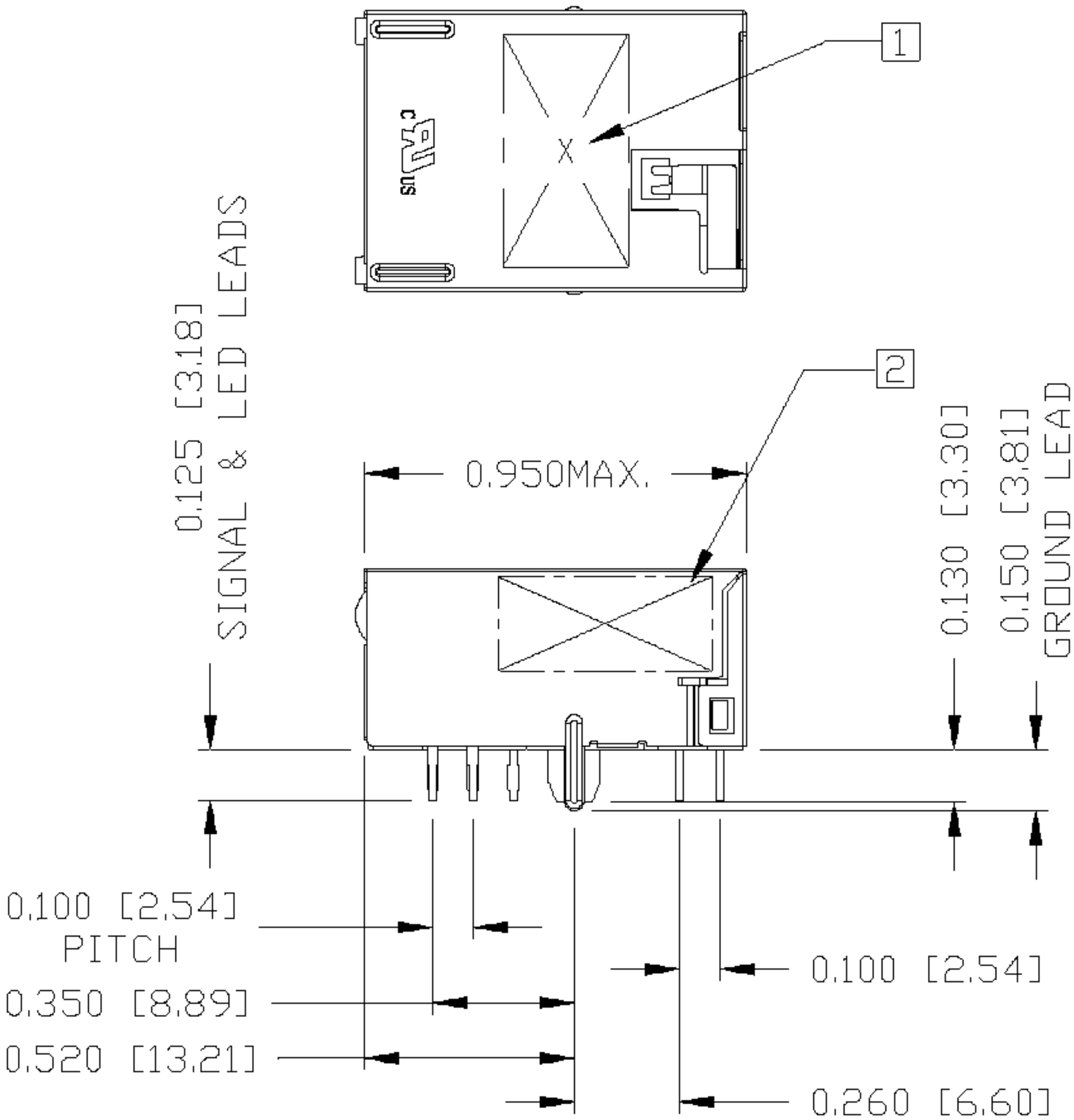
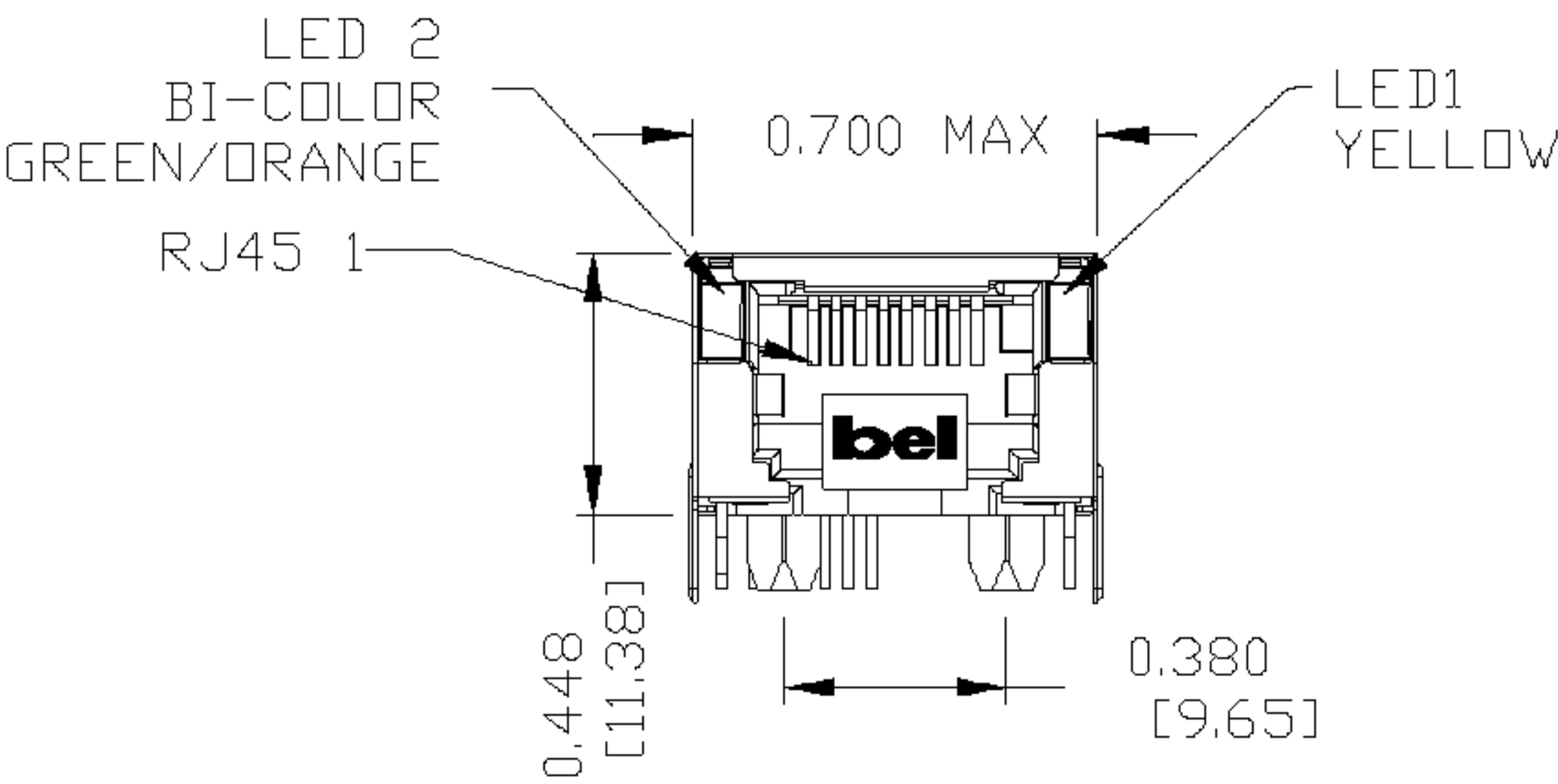


ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
CHUNG	01-27-07	10/100 MagJack® (Ultra Low Profile)	L836-1JX1-47	TOL. IN INCH	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A	SIZE : A4
DE	01-27-07		L8361JX147B.DWG	.XX		PAGE : 2
				.XXX		



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MECHANICAL SPECIFICATION



NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PA 46
FLAMMABILITY RATING UL 94V-0
- CONTACTS: 30 MICRO-INCH HARD GOLD PLATING
- OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH (GROUND LEADS ARE SOLDER DIPPED)
- METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
1. MARK PART WITH PART NUMBER (L836-1JX1-47) AND DATE CODE.
2. MARK PART WITH MFG. LOGO, MFG. NAME.
3. 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
BILL	01-27-07	10/100 MagJack ® (Ultra Low Profile)	L836-1JX1-47	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE		FILE NAME	.XX			PAGE : 3
TONY	01-27-07		L8361JX147B.DWG	.XXX	±0.010		

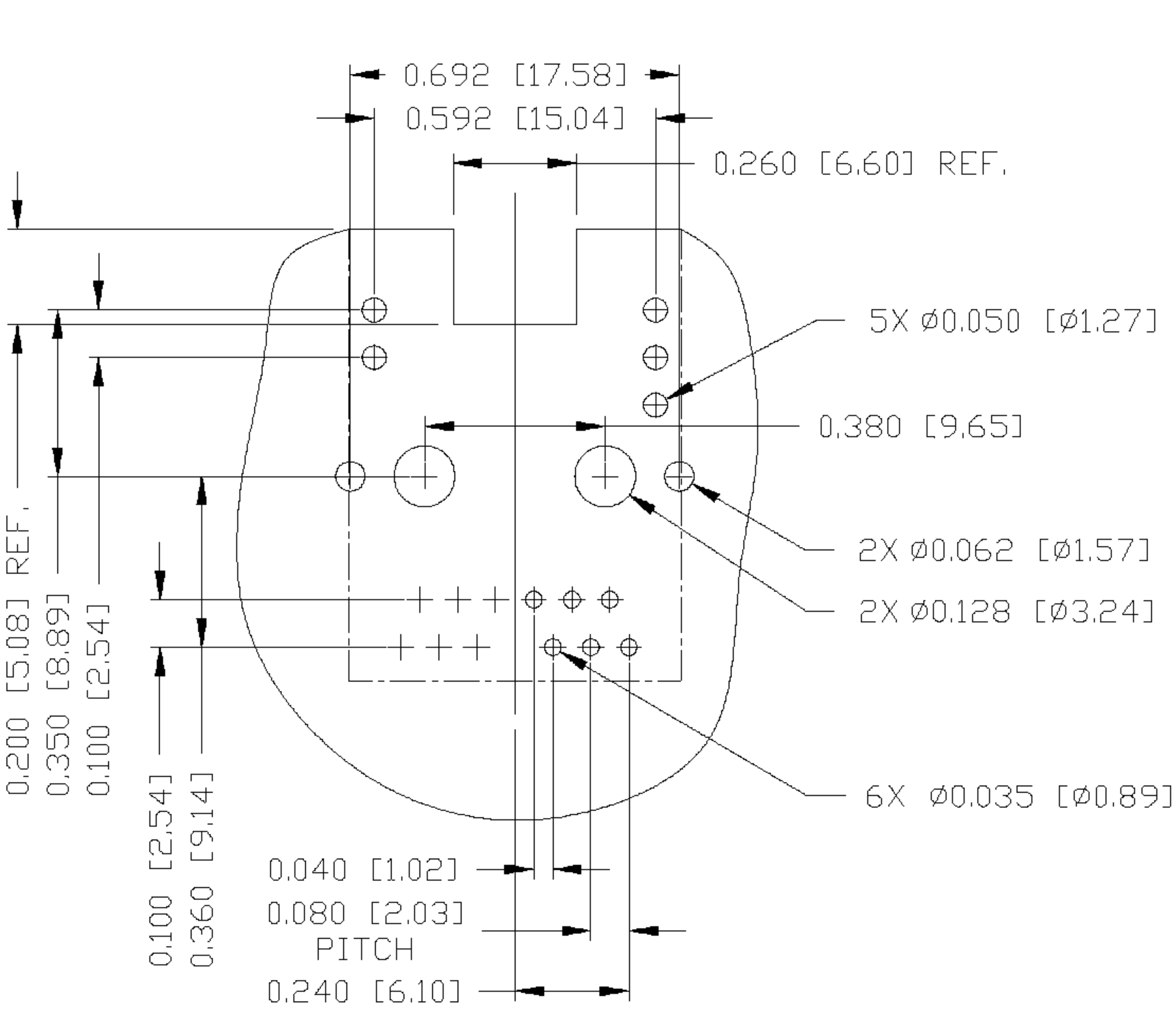


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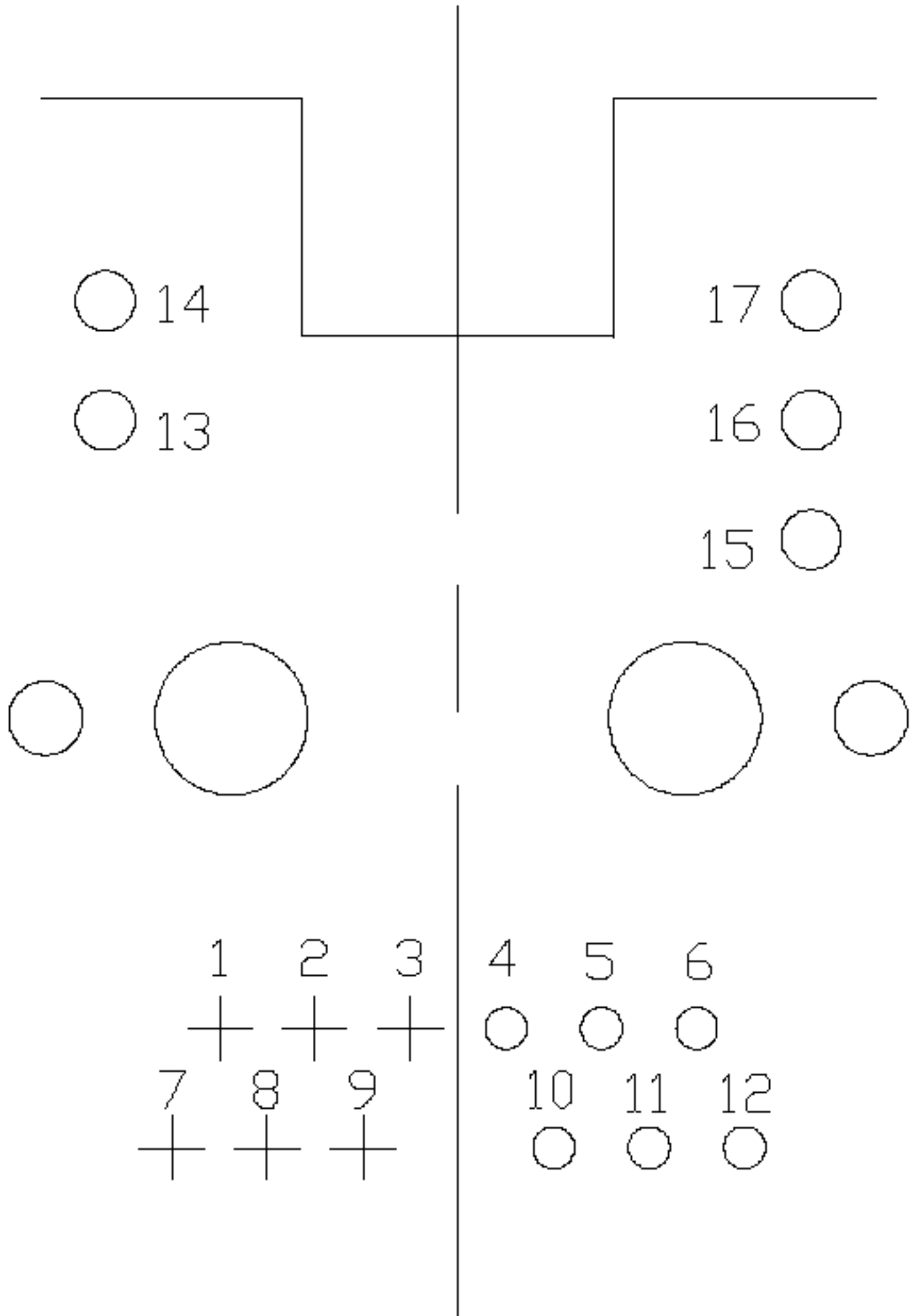


RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW



FOR ONE UNIT

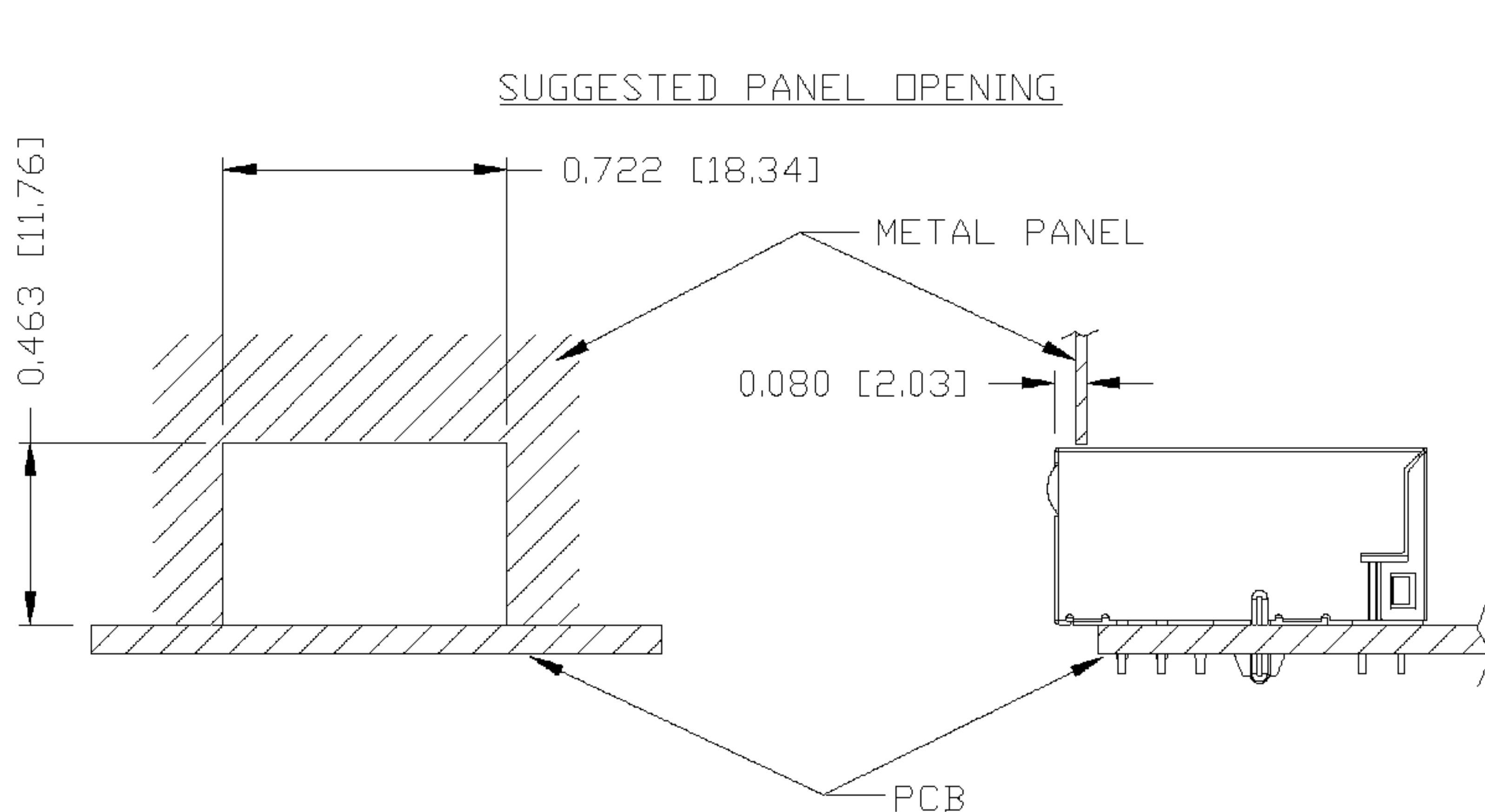


PIN-OUT INFORMATION

(SCALE 1.5:1)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
BILL	01-27-07	10/100 MagJack ® (Ultra Low Profile)	L836-1JX1-47	.X	UNIT : INCH [mm] REV. : B
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
TONY	01-27-07		L8361JX147B.DWG	.XXX ±0.004	PAGE : 4





NOTE:

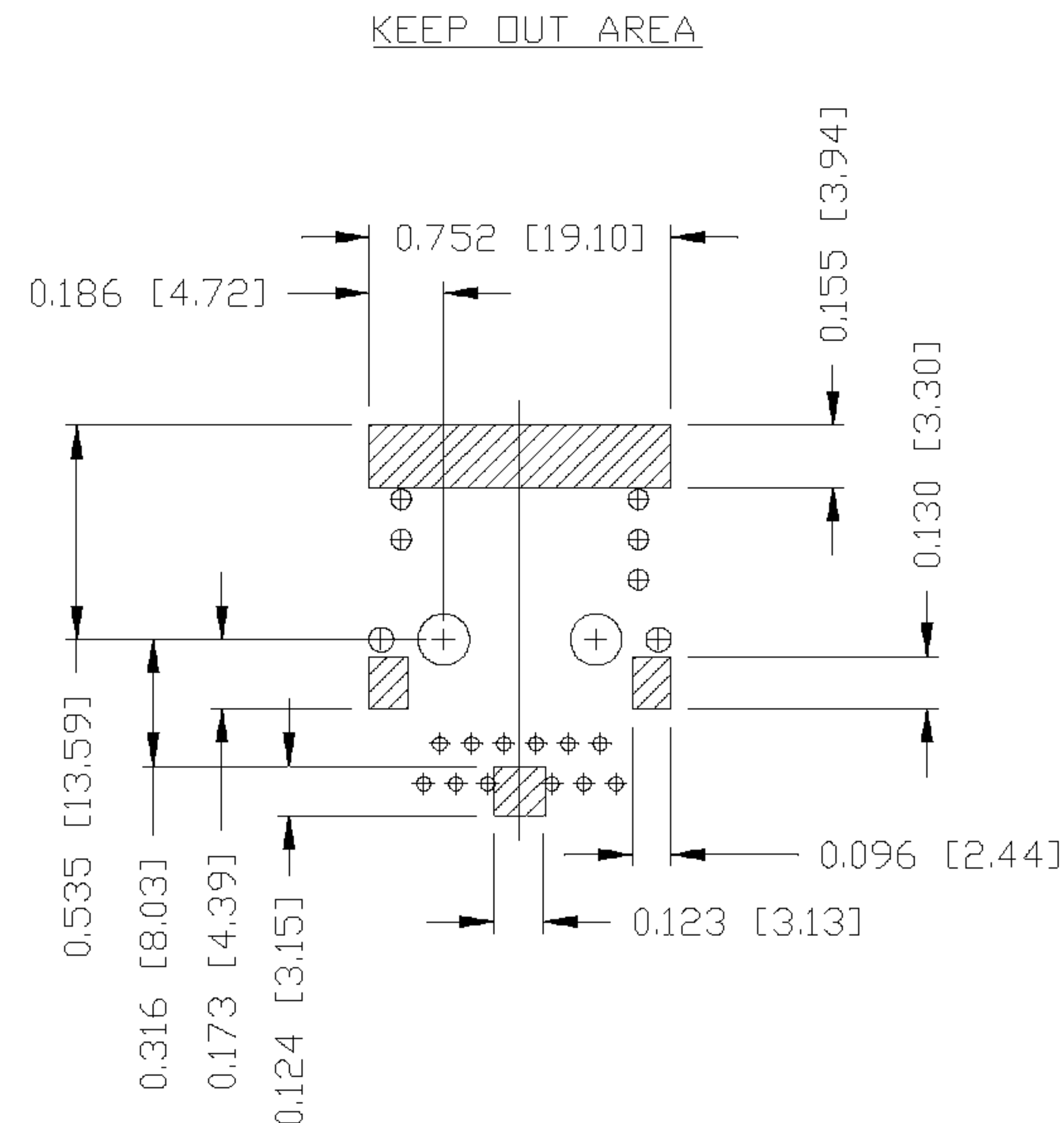
THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

TRAY PACKING INFORMATION

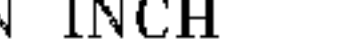
PACKING TRAY : 0200-9999-E4 (TOP)
0200-9999-E5 (BOTTOM)

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)



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

ORIGINATED BY	DATE	TITLE 10/100 MagJack ® (Ultra Low Profile)	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
BILL	01-27-07		L836-1JX1-47	TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
TONY	01-27-07		L8361JX147B.DWG	.XX				
			.XXX	±0.010				