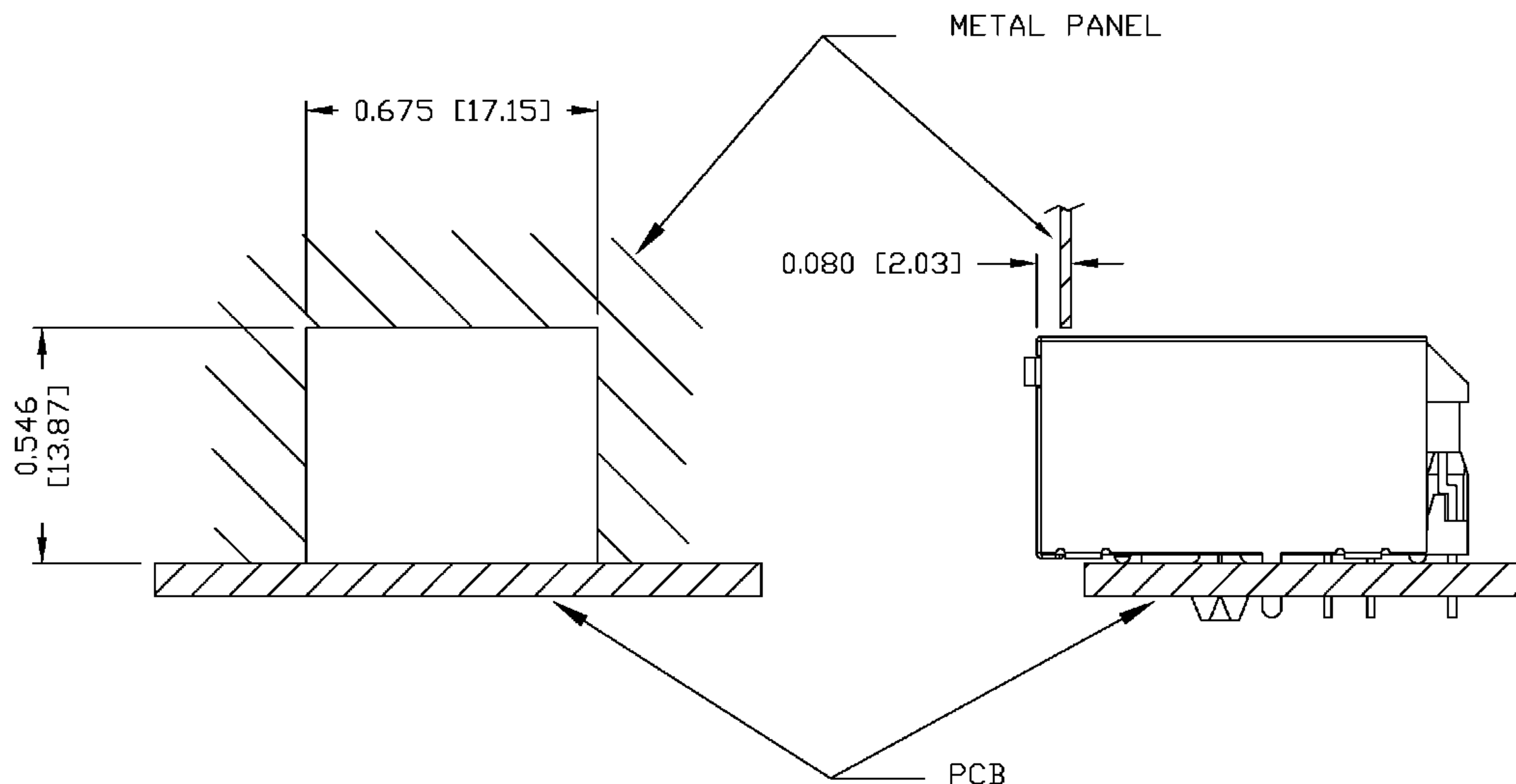


PRELIMINARY

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)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
BILL	05-10-05	staggered pin MagJack® (5 Cores) 0817-1AX1-11-F	08171AX111-F	.X	UNIT : INCH [mm]	REV. : PA
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A	SIZE : A4
LING	05-10-05		08171AX111-FPA.DWG	.XXX ±0.005	⊕	PAGE : 4

THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

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

PRELIMINARY



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):

LED 1	1500 Vrms
-------	-----------

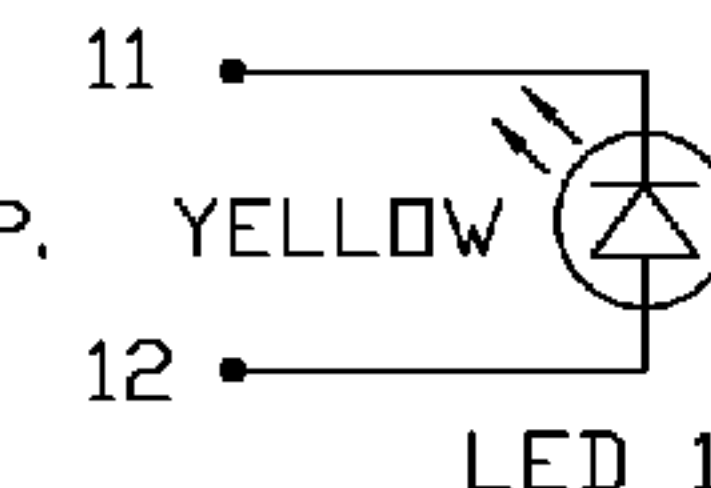
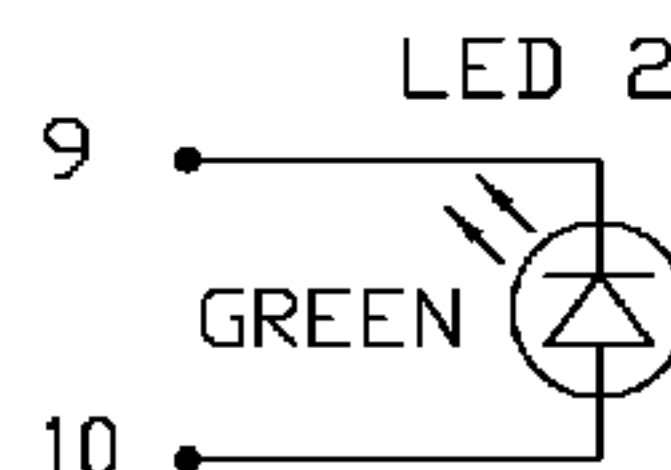
VF (FORWARD VOLTAGE)	IF=20mA	YELLOW	2.1V TYP.
----------------------	---------	--------	-----------

λD (DOMINANT WAVELENGTH)	IF=20mA	YELLOW	590nm TYP.
--------------------------	---------	--------	------------

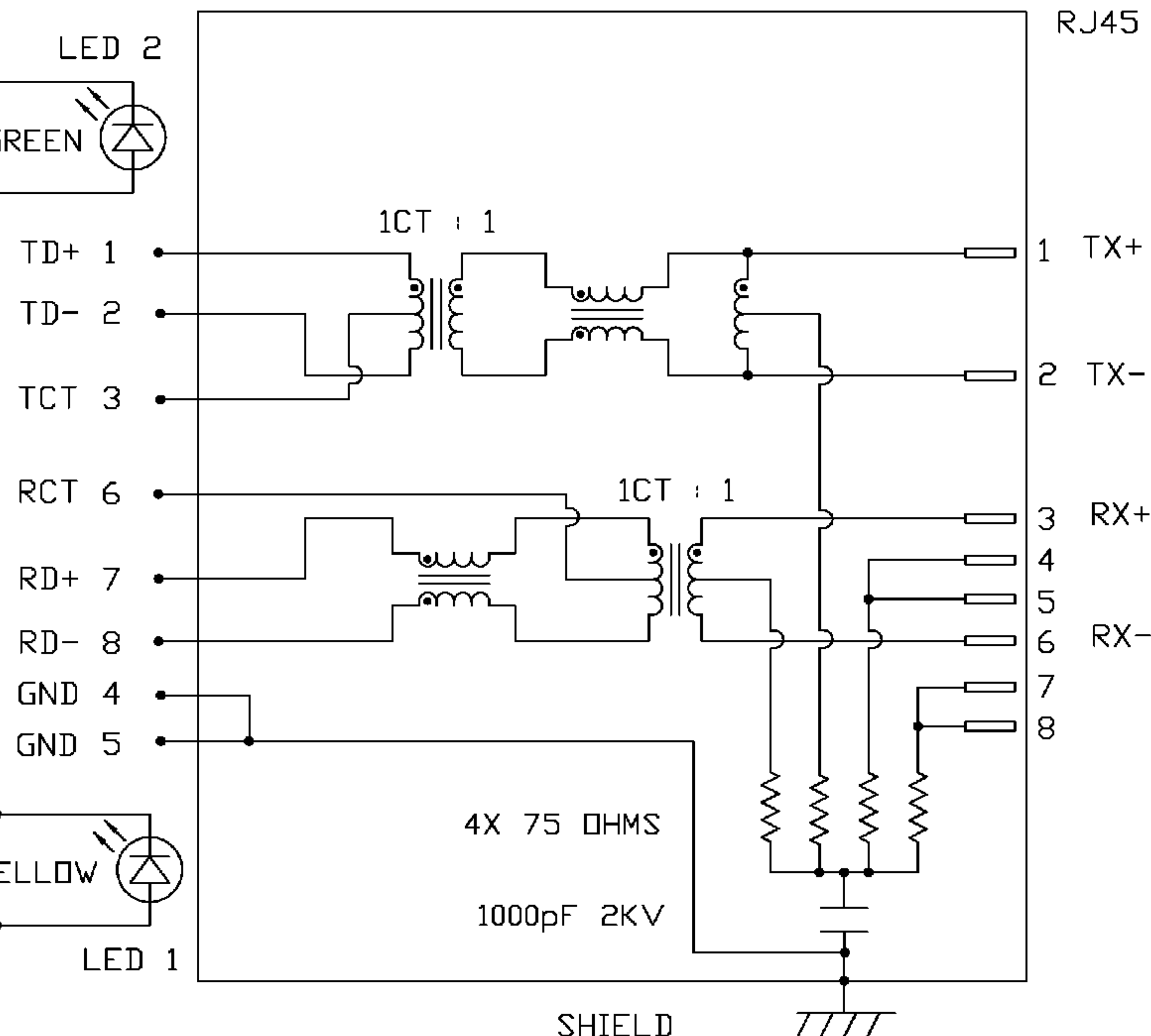
LED 2

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
----------------------	---------	-------	-----------

λD (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
--------------------------	---------	-------	------------



SCHEMATIC



RJ45



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
CHUNG	05-10-05	staggered pin MagJack®	08171AX111-F	.X	UNIT : INCH [mm]
DRAWN BY	DATE	(5 Cores)	FILE NAME	.XX	SCALE : N/A
DE	05-10-05	0817-1AX1-11-F	08171AX111-FPA.DWG	.XXX	SIZE : A4
					PAGE : 2

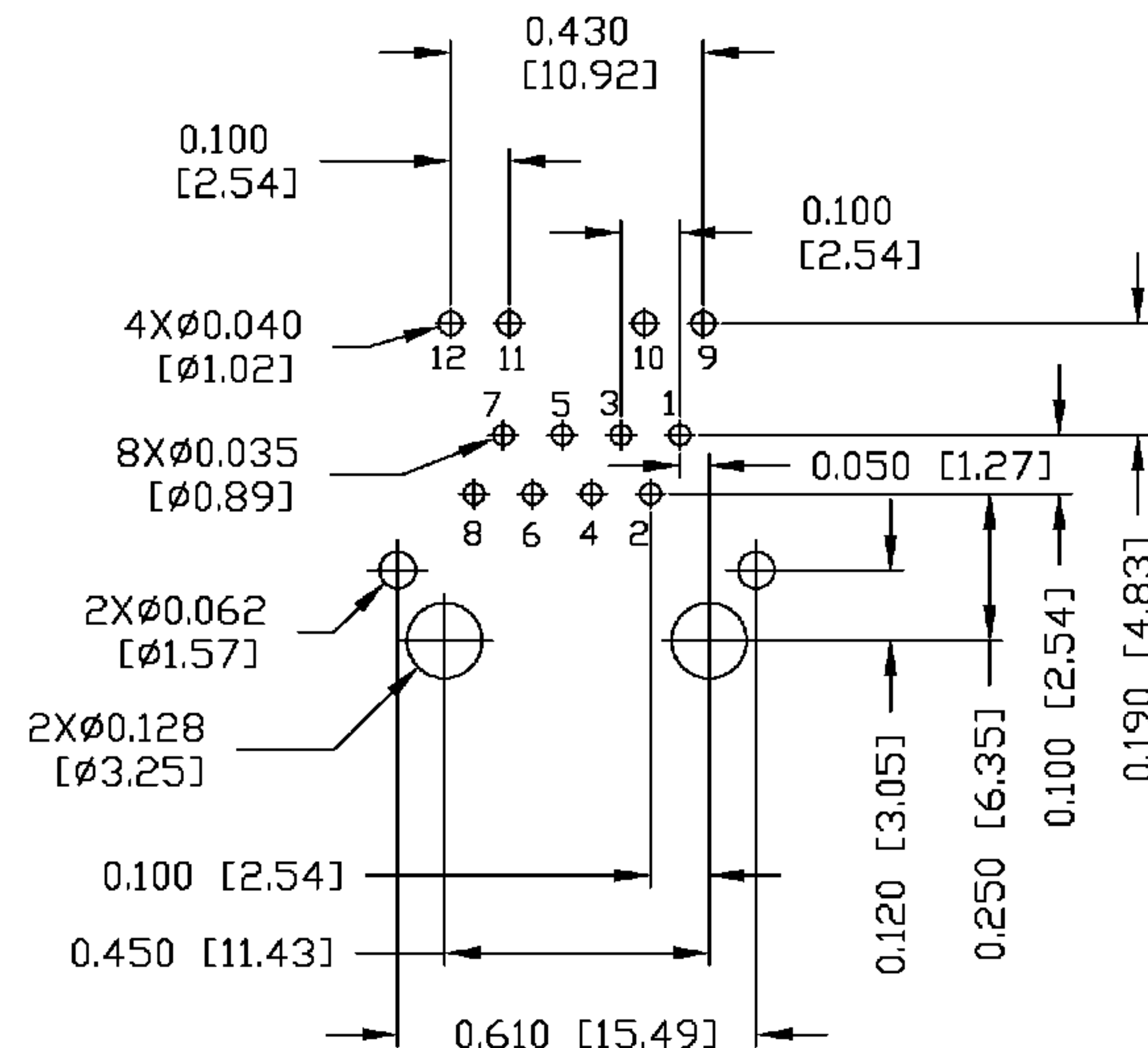
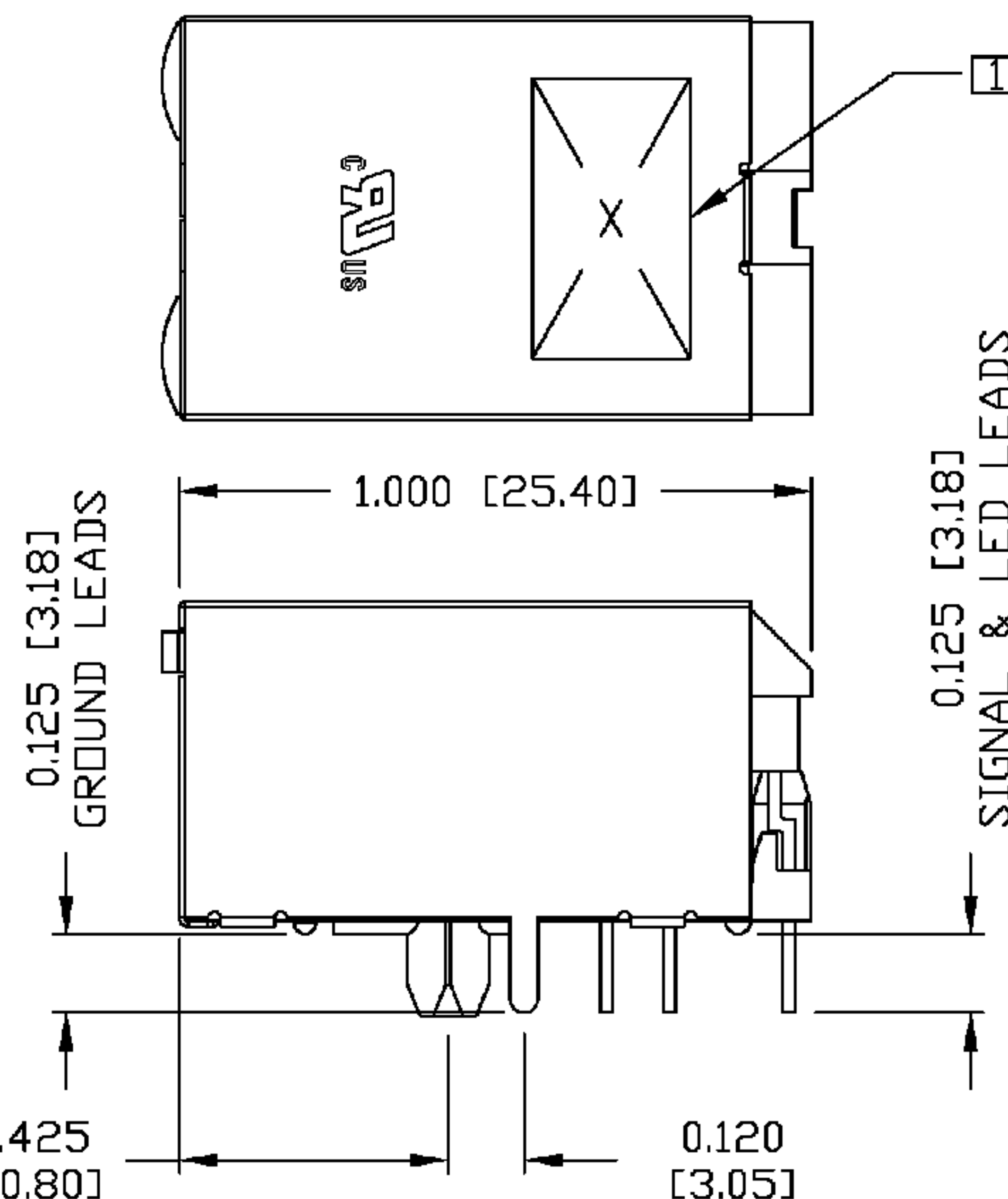
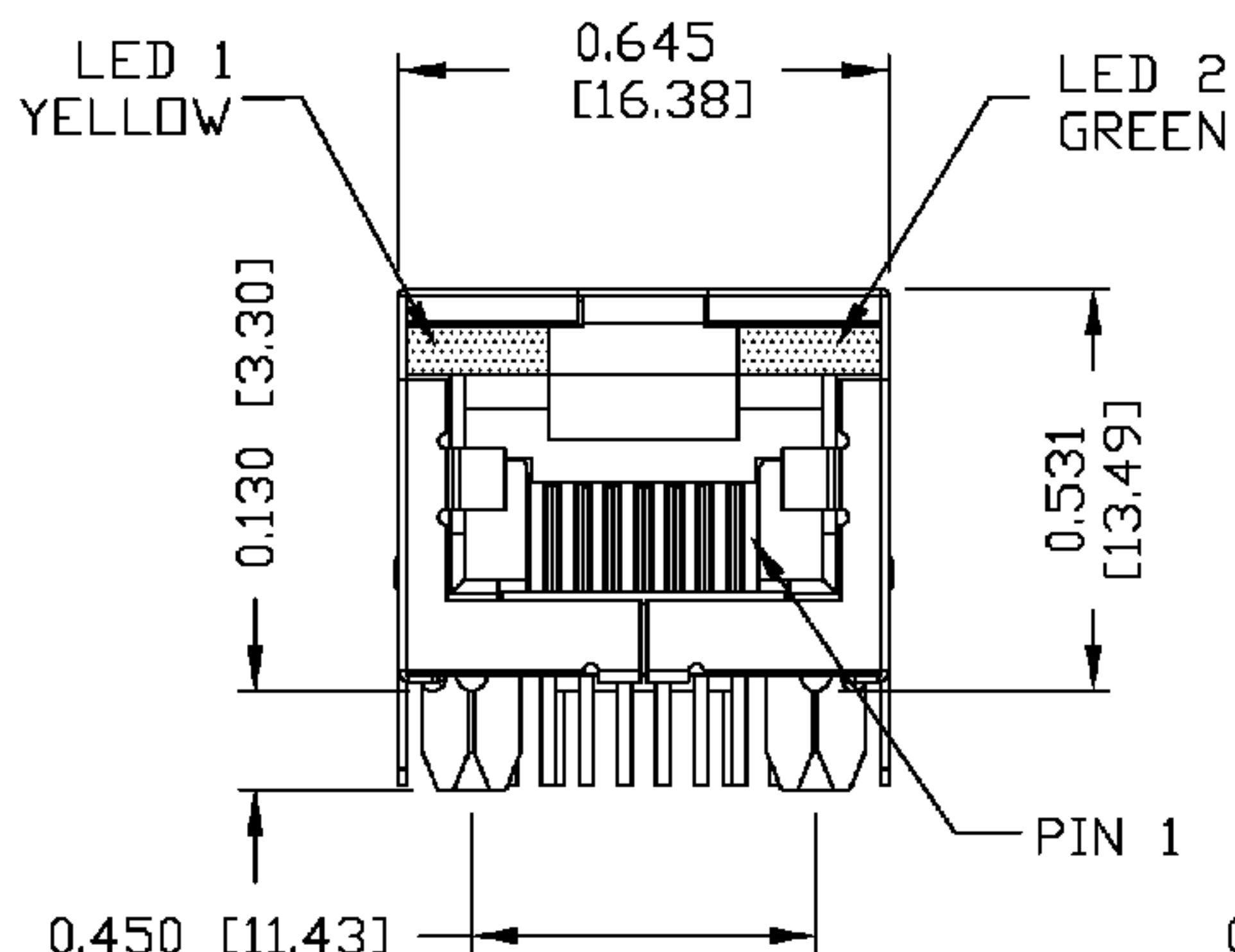
MECHANICAL SPECIFICATION

PRELIMINARY

RoHS
2002/95/EC



RECOMMENDED PCB FOOTPRINT



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 OR TIN PLATED ON COPPER ALLOY.
(ALL NICKEL PLATED GROUND LEADS ARE SOLDER DIPPED)

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

UL RECOGNIZED - FILE #E196366 AND E169987.

2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

ORIGINATED BY	DATE	TITLE staggered pin MagJack® (5 Cores) 0817-1AX1-11-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
BILL	05-10-05		08171AX111-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : PA	
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4	
LING	05-10-05		08171AX111-FPA.DWG	.XX				
				.XXX	±0.010		PAGE : 3	