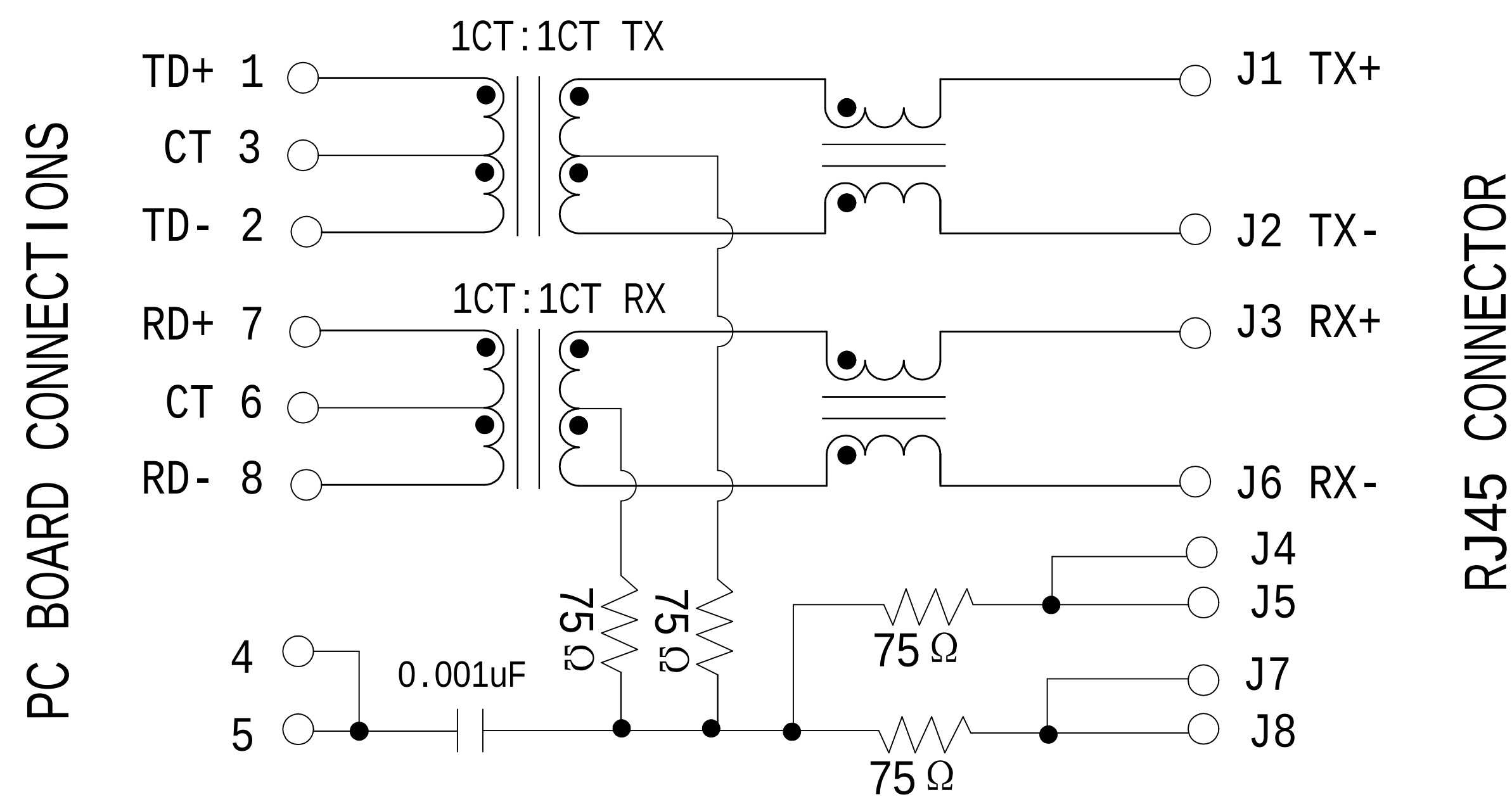


Schematic:

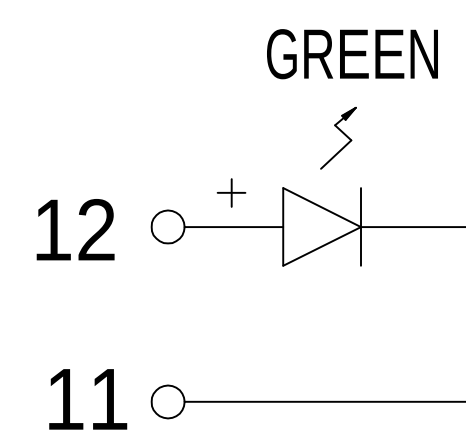
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010-04-15	



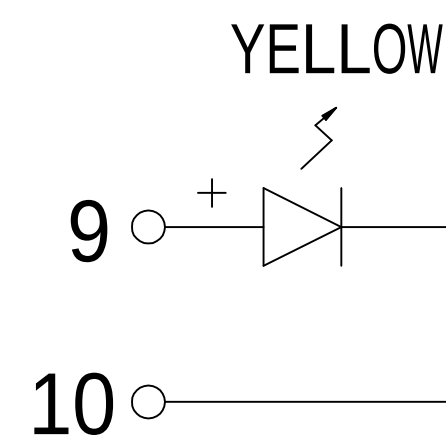
Electrical Specification:

TEST NOTES(25±5℃)

- 1.TR: (@100KHz,0.1V);
TX=1CT:1CT ±3% RX=1CT:1CT ±3%
- 2.OCL(@100KHz,100mV,8mA,DC Bias):
PINS: (P1,P2), (P7,P8)=350uH MIN
- 3.HIPOT:
Isolation PHY SIDE To Line SIDE : 1500Vrms
- 4.INSERTION LOSS:
-1.0dB MAX @1.0MHz TO 65MHz
- 5.RETURN LOSS:
-20dB MIN @1MHz TO 10MHz
-16dB MIN @10MHz TO 30MHz
-12dB MIN @30MHz TO 60MHz
-10dB MIN @ 0MHz TO 100MHz
- 6.CROSS TALK:
-40dB MIN @1MHz TO 30MHz
-35dB MIN @30MHz TO 60MHz
-30dB MIN @60MHz TO 100MHz
- 7.COMMON TO COMMON MODE REJECTION:
-30dB MIN @1MHz TO 50MHz
-20dB MIN @50MHz TO 150MHz
- 8.OPERATING TEMPERATURE: -40℃~+85℃.



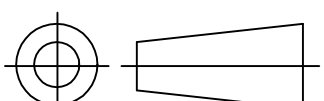
LEFT LED



RIGHT LED

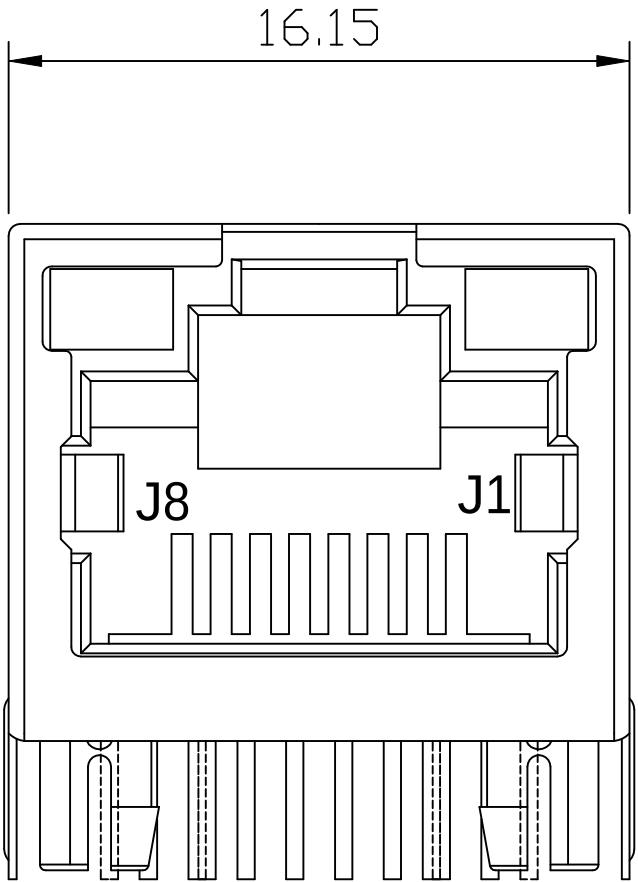
Emitting Color	λp(nm)	VF@IF=20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10 μA max
YELLOW	585	1.8~2.6V	10 μA max



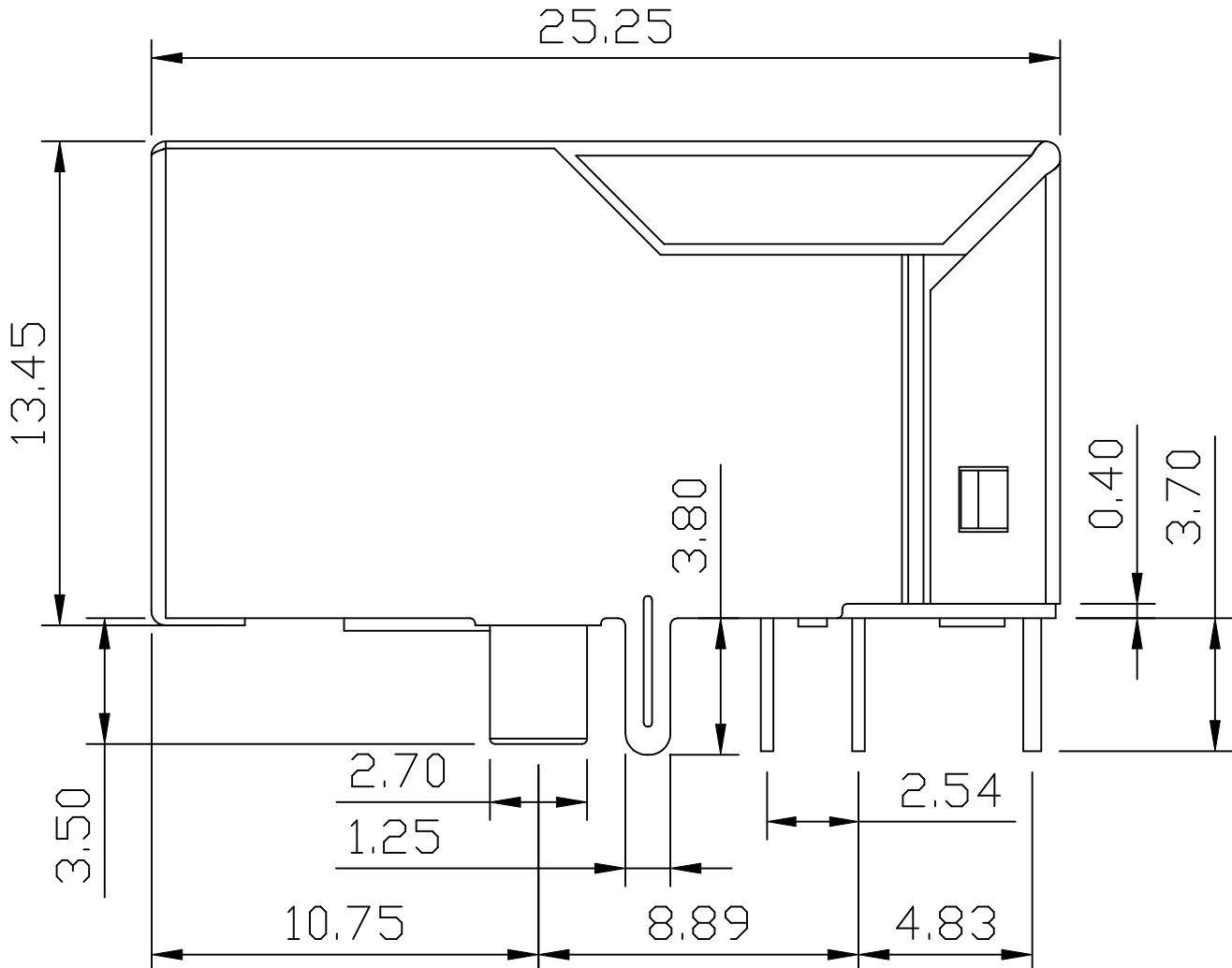
X:X ±0.30		APPD: TOM		LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX ±0.25		CHKD: JAMES			
X:XXX ±0.05		DR: LEO		TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics	
ANGLES ±1°		UNIT: mm		PART NO.: LPJ6011BBNL	
		SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP10041517

Mechanical:

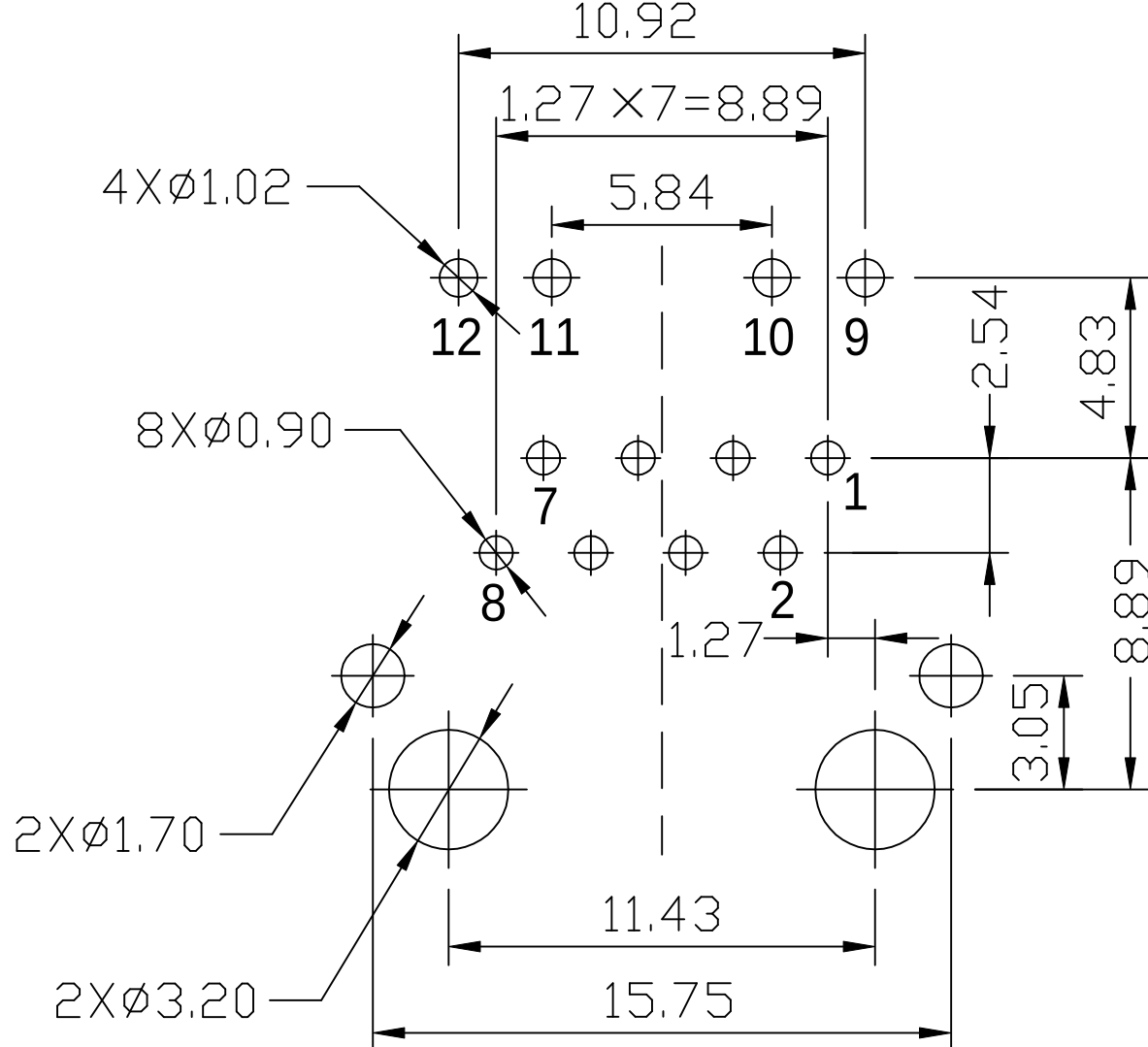
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010-04-15	



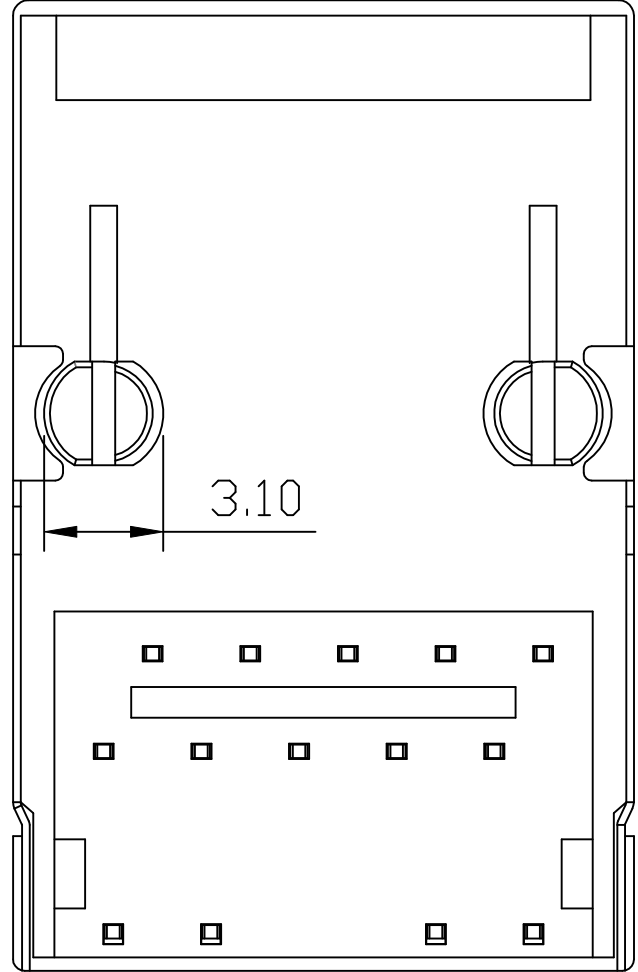
Front Side View



Left Side View



Suggested PCB Layout(Top View)



Bottom Side View



Top Side View

- NOTES:
- 1.Designed to support application,such as SOHO(ADSL modems),LAN-on-Motherboard(LOM),hub and Switches.
 - 2.Meets IEEE802.3 specification
 - 3.Connector Materials:
Housing: Thermoplastic PBT+30%G.F UL94V-0
Contact: Phosphor Bronze C5210R-EH Thickness=0.35mm
Pins: Brass C2680R-H Thickness=0.35mm
Shield: SUS 304-1/2H Thickness=0.2mm
Contact plating: Gold 6 micro-inches min.In contact area.
 - 4.Wave solder tip temperature: 250℃,5 Sec.
 - 5.UL Certification: File Number E484635.



X:X ±0.30	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX ±0.25	CHKD: JAMES	
X:XXX ±0.05	DR: LEO	
ANGLES ±1°	UNIT: mm	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics
		PART NO.: LPJ6011BBNL
SCALE: 2/1 SHEET: 2/2		REV: A DWG NO.: LP10041517