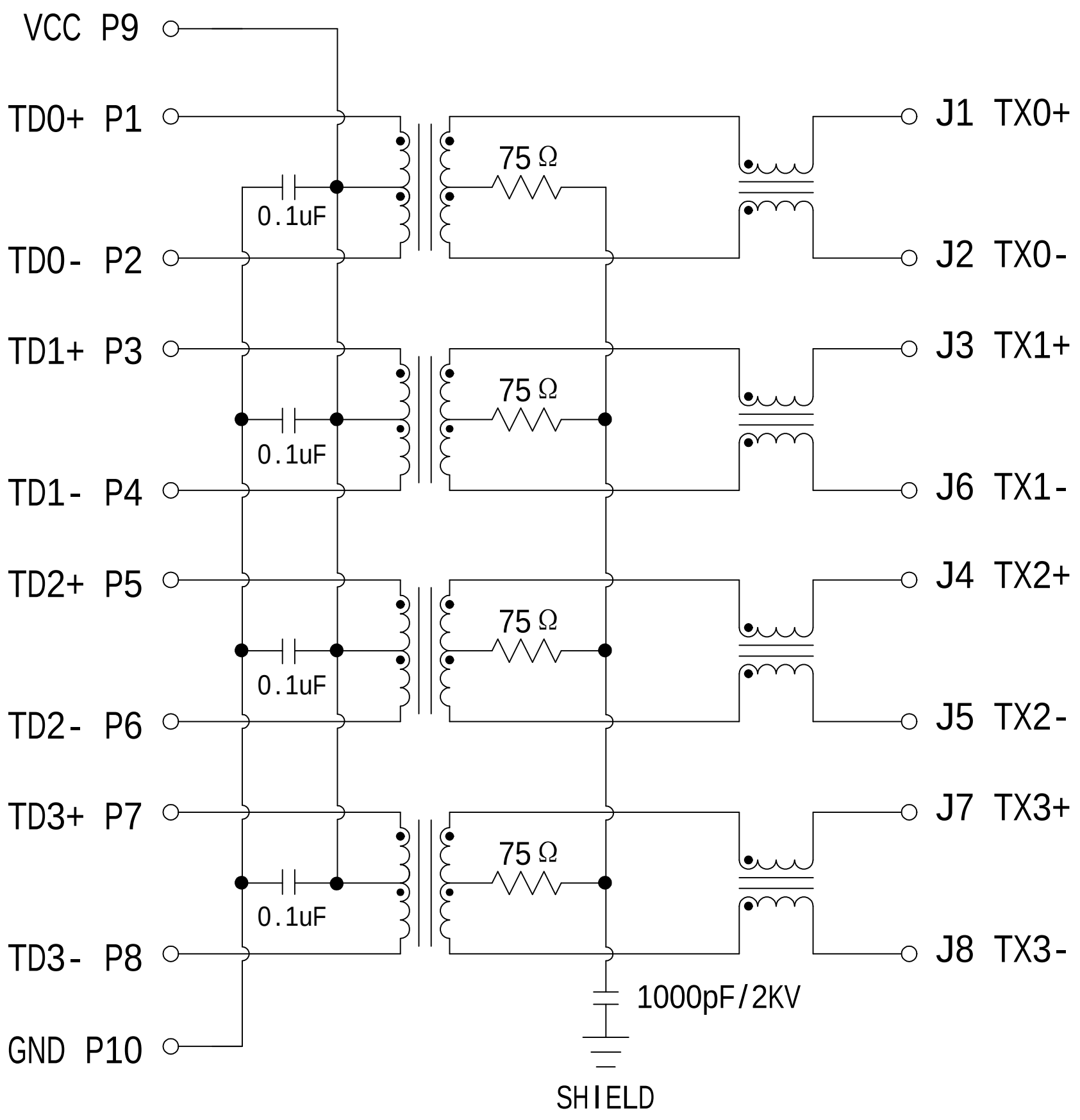


Schematic:

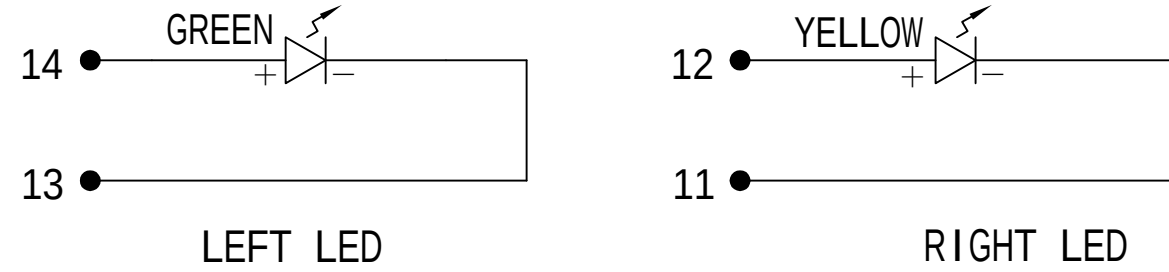
PCB CONNECTIONS



RJ45 CONNECTOR

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A6	REL		2011-02-25	

- ELECTRICAL SPECIFICATIONS @25°C
- 1.Turn Ratio : 1CT:1CT±5%
 - 2.OCL: 350uH Min @100KHz,0.1V,8mA DC Bias
 - 3.Insertion Loss (dB Max):
1-100MHz: -1.2
 - 4.Return Loss(dB Min):
1-30MHz: -16 30-60MHz: -12
60-80MHz: -10 80-100MHz: -8
 - 5.Cross Talk(dB Min):
1-100MHz: -30
 - 6.Common Mode Rejection(dB Min):
1-100MHz: -30
 - 7.Isolation PHY SIDE To Line SIDE : 1500Vrms
 - 8.Operating Temperature Range: -40°C~+85°C.

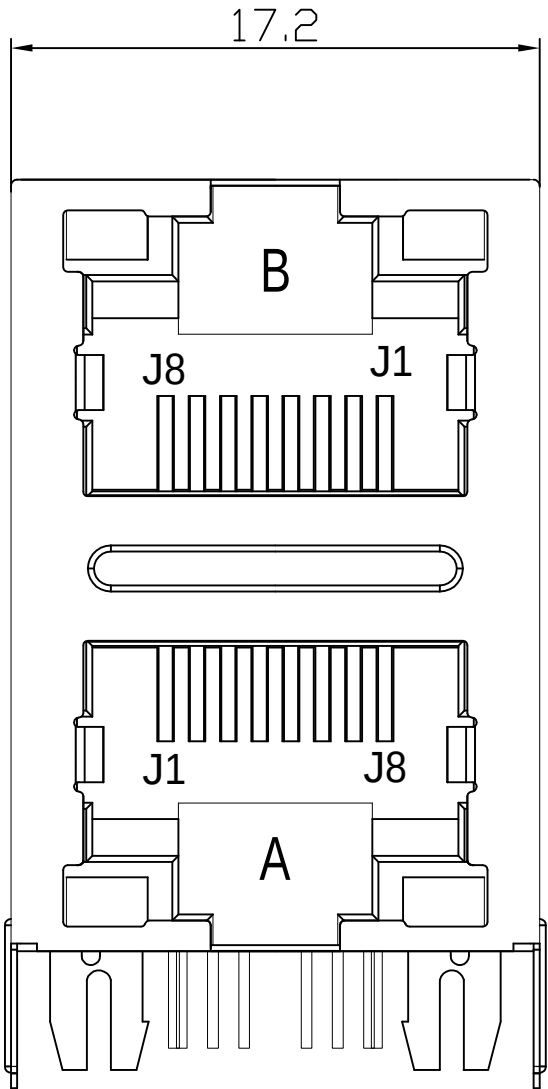


EMITTING COLOR	λ_p (nm)	V _F @I _F =20mA	I _R @V _R =5V
GREEN	565	1.8~2.6V	10 μ A max
YELLOW	585	1.8~2.6V	10 μ A max

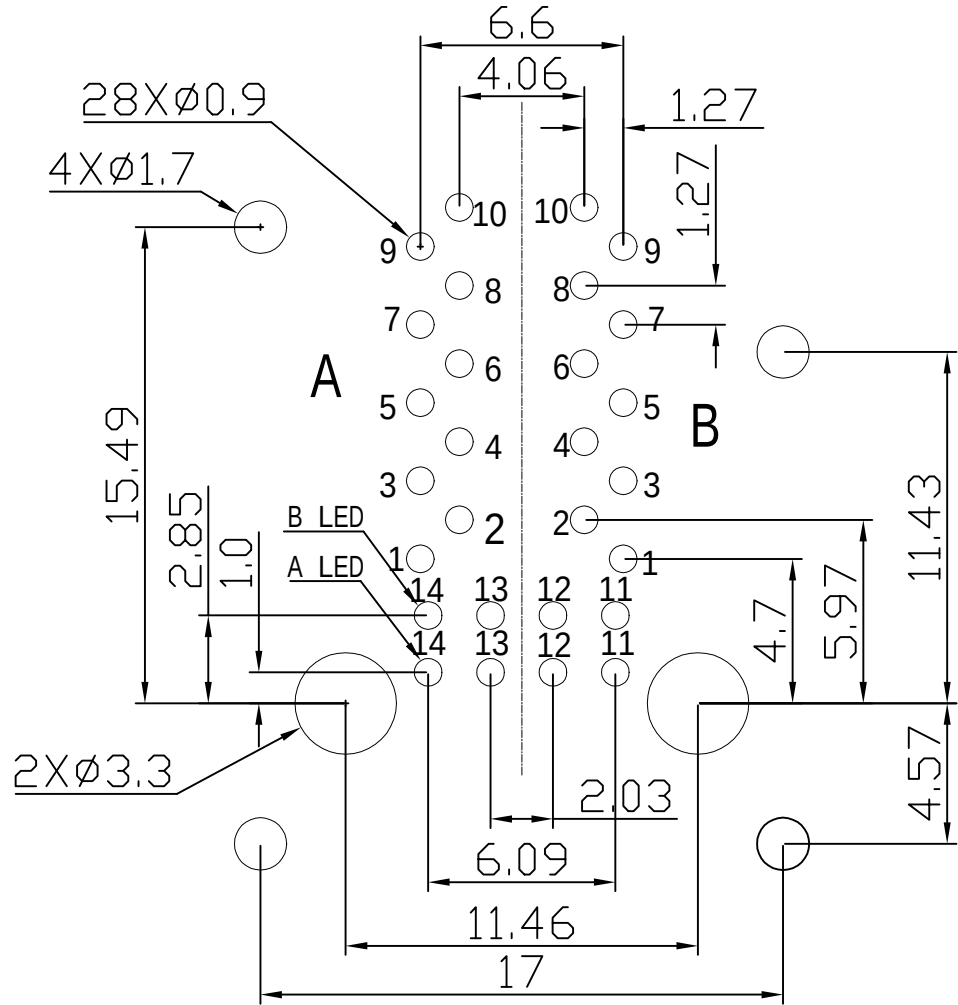
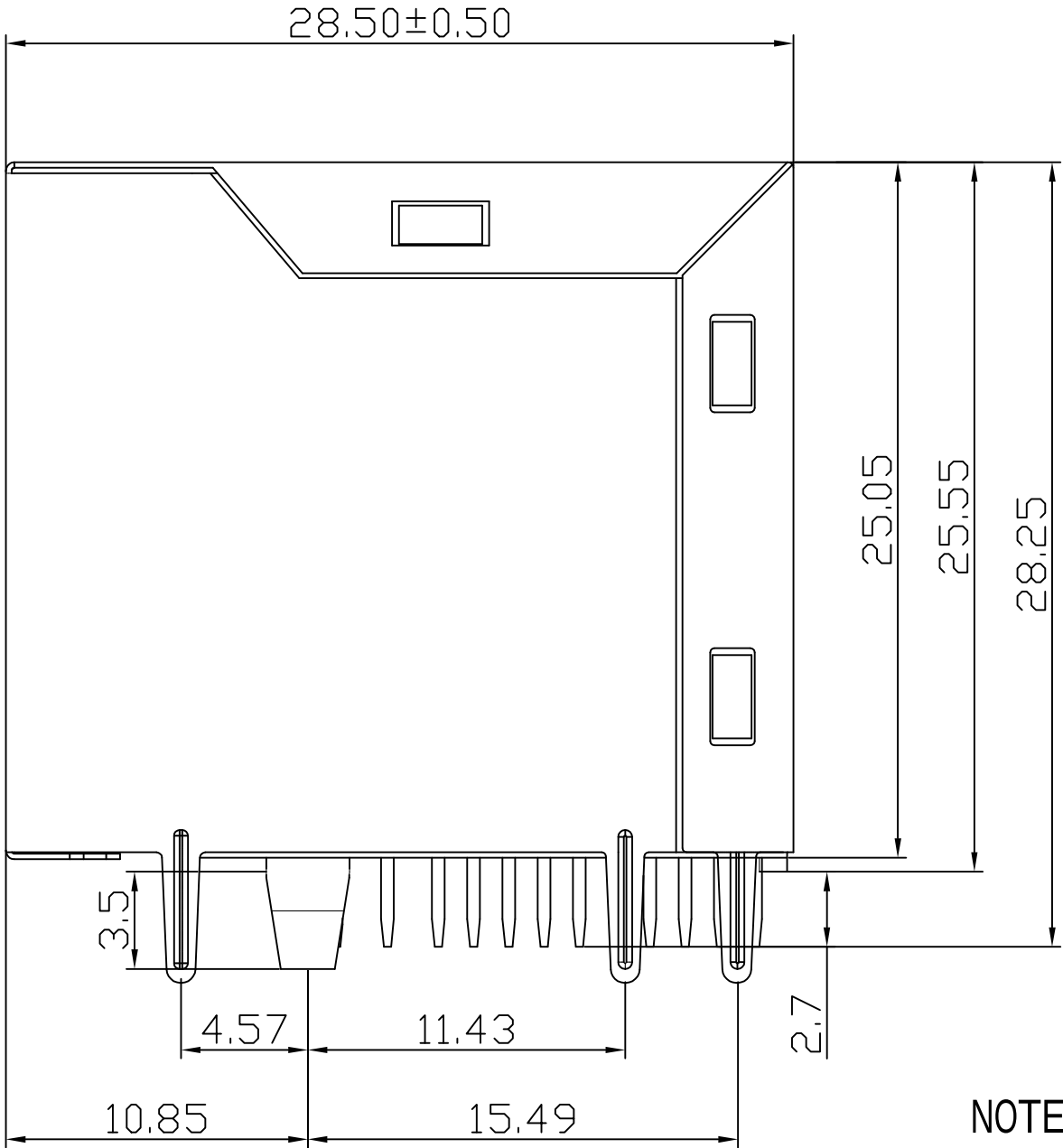


X.X	±0.30	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X.XX	±0.25	CHKD: JAMES	TITLE: RJ45 2X1 CONNECTOR WITH 1000 BASE-T INTEGRATED MAGNETICS & WITHOUT EMI SPRING FINGER & WITH LED	
X.XXX	±0.15	DR: LEO		
ANGLES	±1°	UNIT: mm	PART NO.: LPJG17561-8BHNL	
		SCALE: 2/1	SHEET: 1/2	REV: A6
				DWG NO.: LP11022521

Mechanical :	REV.	ECN NO.	DESCRIPTION	DATE	APPD
	A6	REL		2011-02-25	



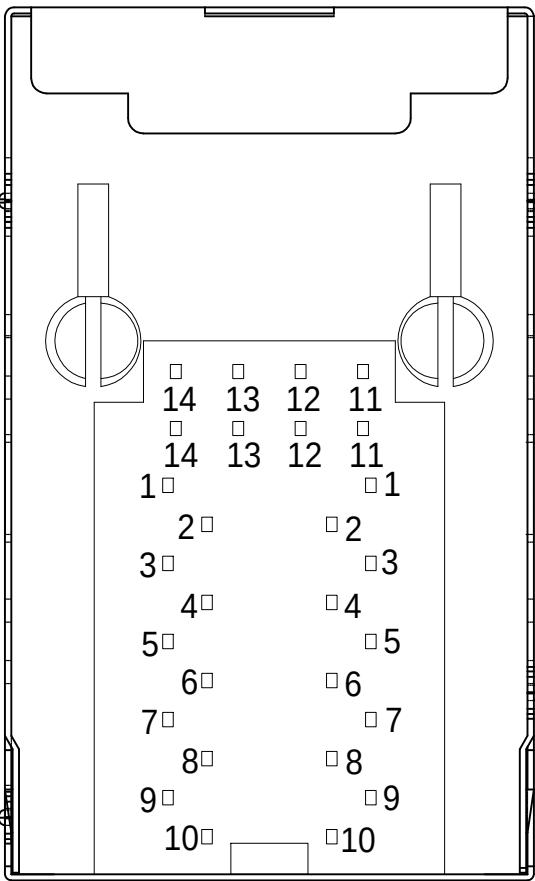
Front Side View



RECOMMENDED PCB LAYOUT(TOP 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 30 micro-inches min.In contact area.
- 4.Wave solder tip temperature and time: 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	TITLE: RJ45 2X1 CONNECTOR WITH 1000 BASE-T INTEGRATED MAGNETICS & WITHOUT EMI SPRING FINGER & WITH LED		
X.XXX	±0.15	DR: LEO			
ANGLES	±1°	UNIT: mm	PART NO.: LPJG17561-8BHNL		
		SCALE: 2/1	SHEET: 2/2	REV: A6	DWG NO.: LP11022521