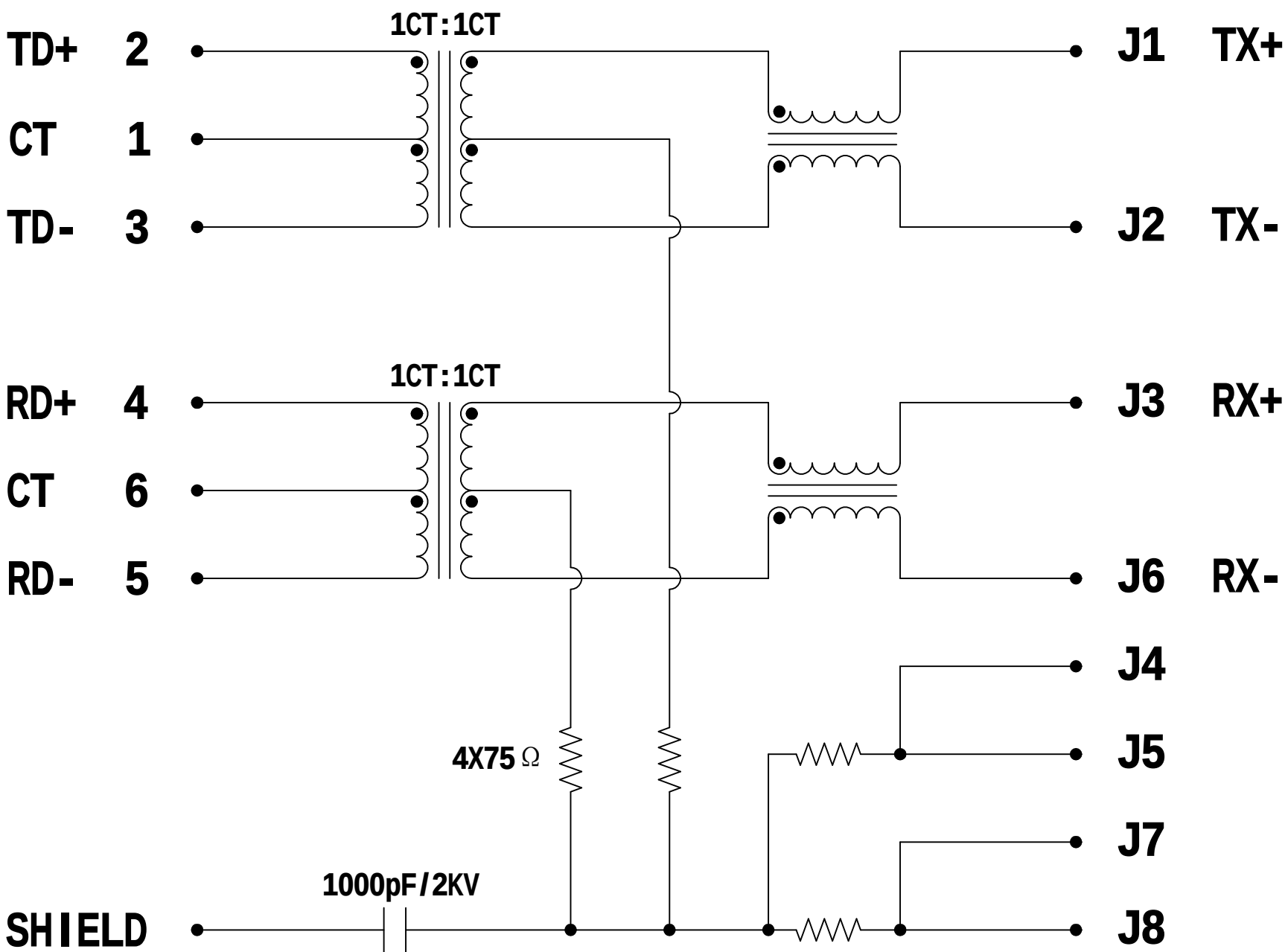


Schematic:

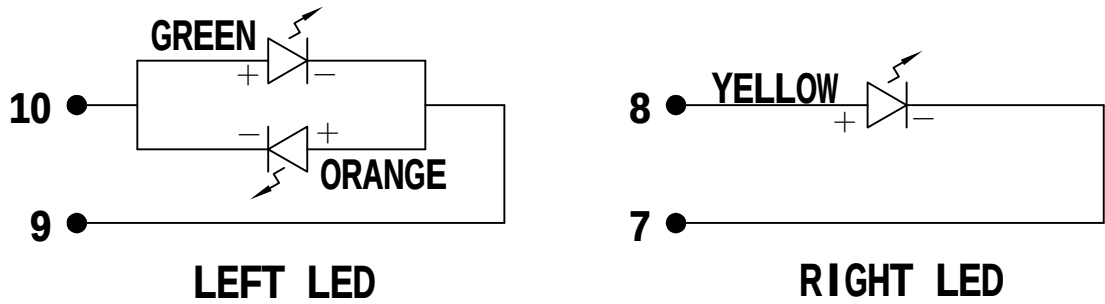
PC BOARD CONNECTIONS



RJ45 CONNECTOR

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2024-07-11	

- 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 .

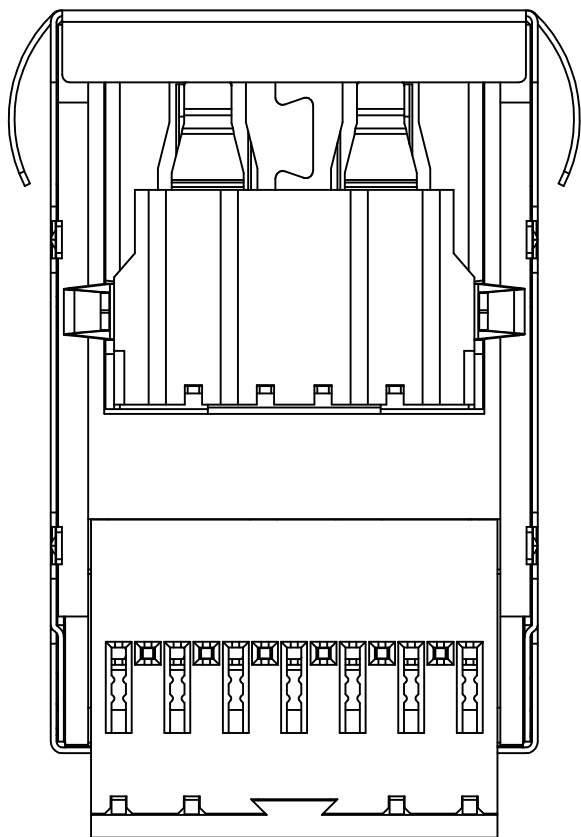
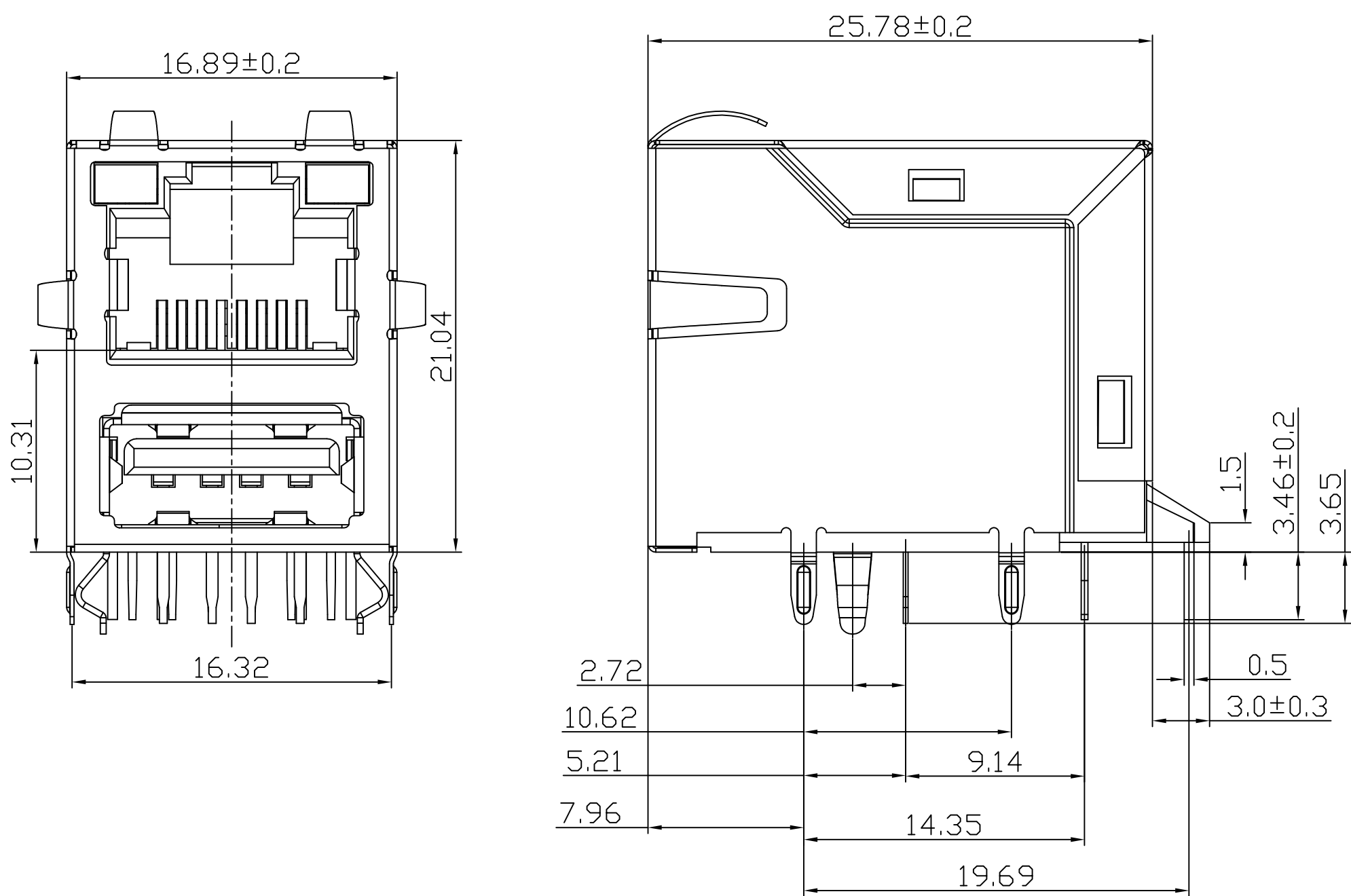


EMITTING COLOR	λ p(nm)	VF @IF=20mA	IR @VR=5V
ORANGE / GREEN	610 / 565	1.8~2.6V	10 μ A max
YELLOW	585	1.8~2.6V	10 μ A max

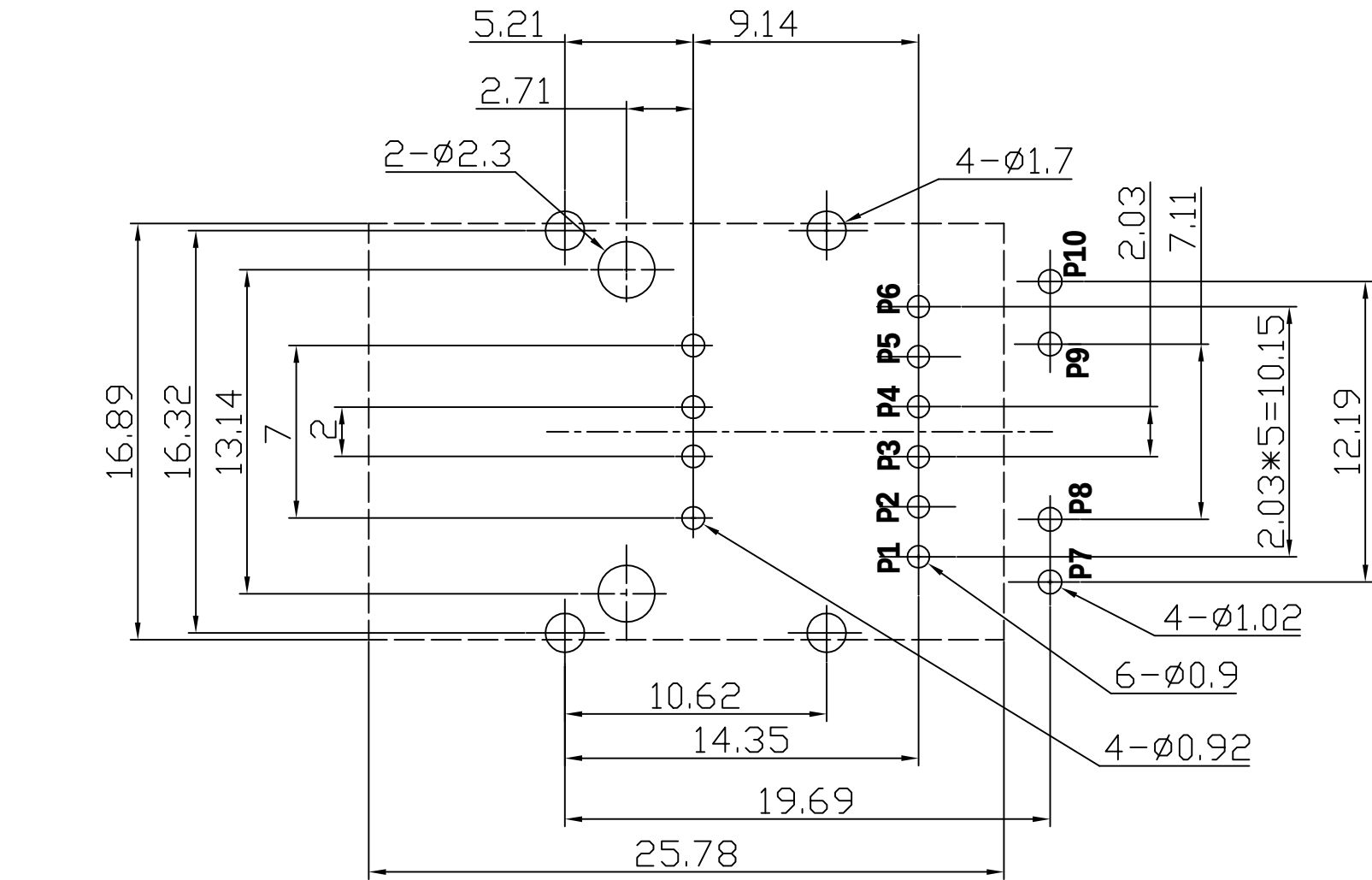
X.X	±0.30	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X.XX	±0.25	CHKD: JAMES	TITLE: RJ45 1X1 CONNECTOR WITH 10/100 BASE-T INTEGRATED MAGNETICS & WITH SINGLE USB2.0 & WITH EMI SPRING FINGER & WITH LED	
X.XXX	±0.15	DR: JULY		
ANGLES	±1°	UNIT: mm	PART NO.: LPJU3401AONL-2	
		SCALE: 2/1	SHEET: 1/2	REV: A
				DWG NO.: LP24071113



Mechanical :



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2024-07-11	



- NOTES:
- RECOMMENDED PCB LAYOUT(TOP VIEW)
- 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 black UL94V-0
Contact: Phosphor
Shield: Copper alloy
Contact plating:Gold 6 micro-inches min In contact area.
USB Housing:PBT White UL94V-0
USB Contact Plating:Gold Flash 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:	
X.XXX	±0.15	DR: JULY	RJ45 1X1 CONNECTOR WITH 10/100 BASE-T INTEGRATED MAGNETICS & WITH SINGLE USB2.0 & WITH EMI SPRING FINGER & WITH LED	
ANGLES	±1°	UNIT: mm	PART NO.: LPJU3401AONL-2	
		SCALE: 2/1	SHEET: 2/2	REV: A
				DWG NO.: LP24071113