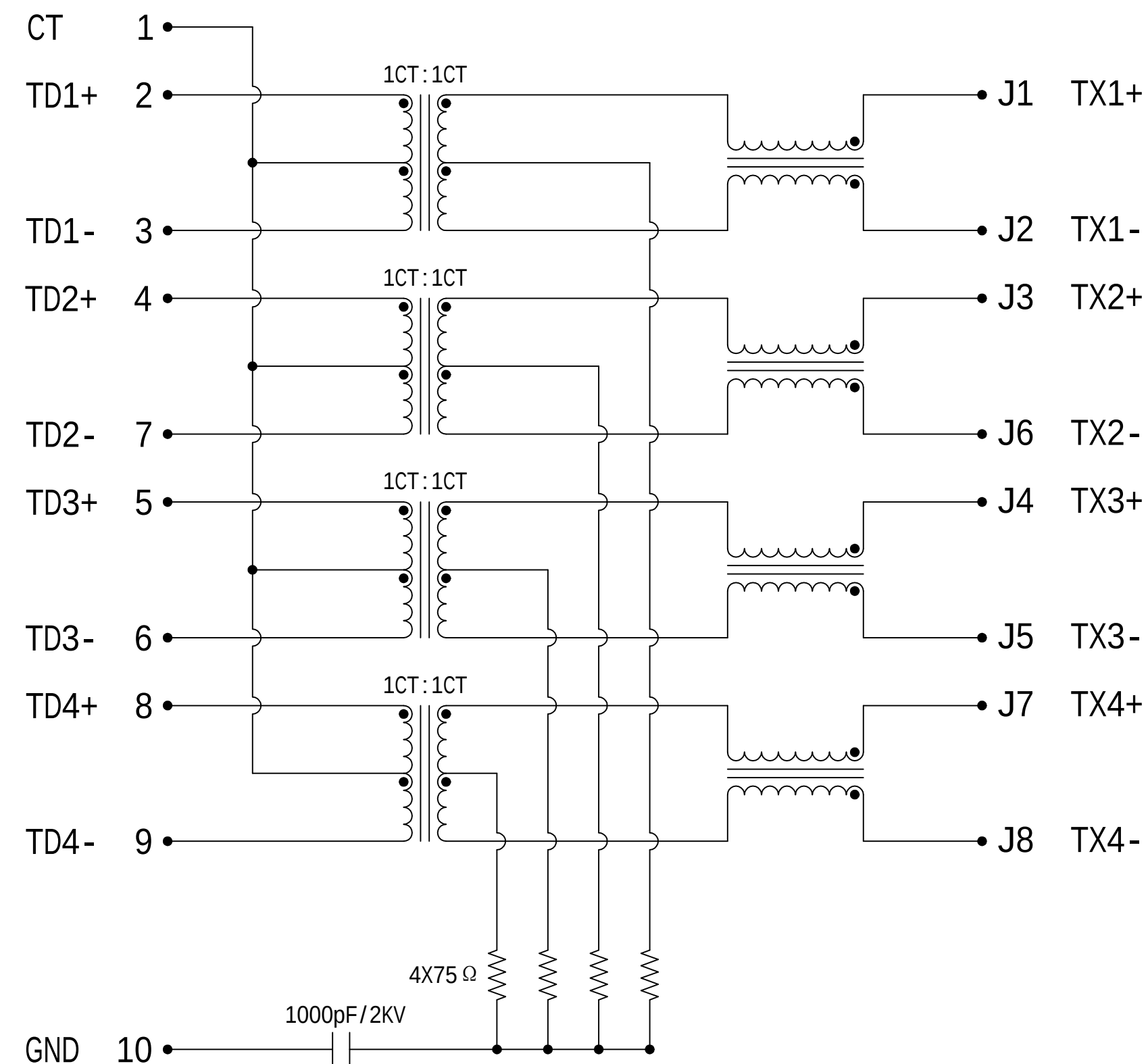


Schematic:

PCB SIDE TO PHY

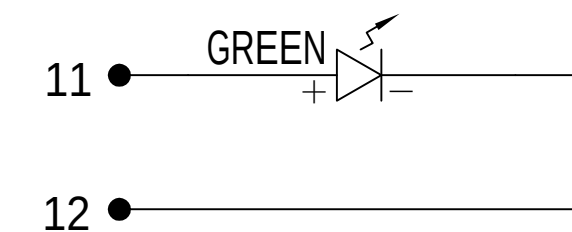


CABLE SIDE

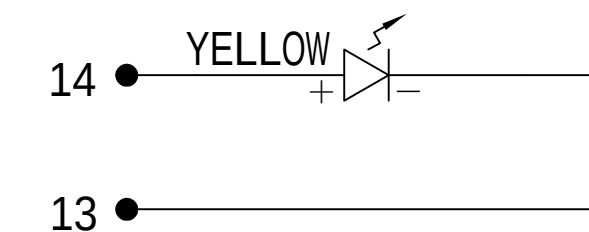
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2023-11-22	

ELECTRICAL SPECIFICATIONS @25°C

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



LEFT LED



RIGHT LED

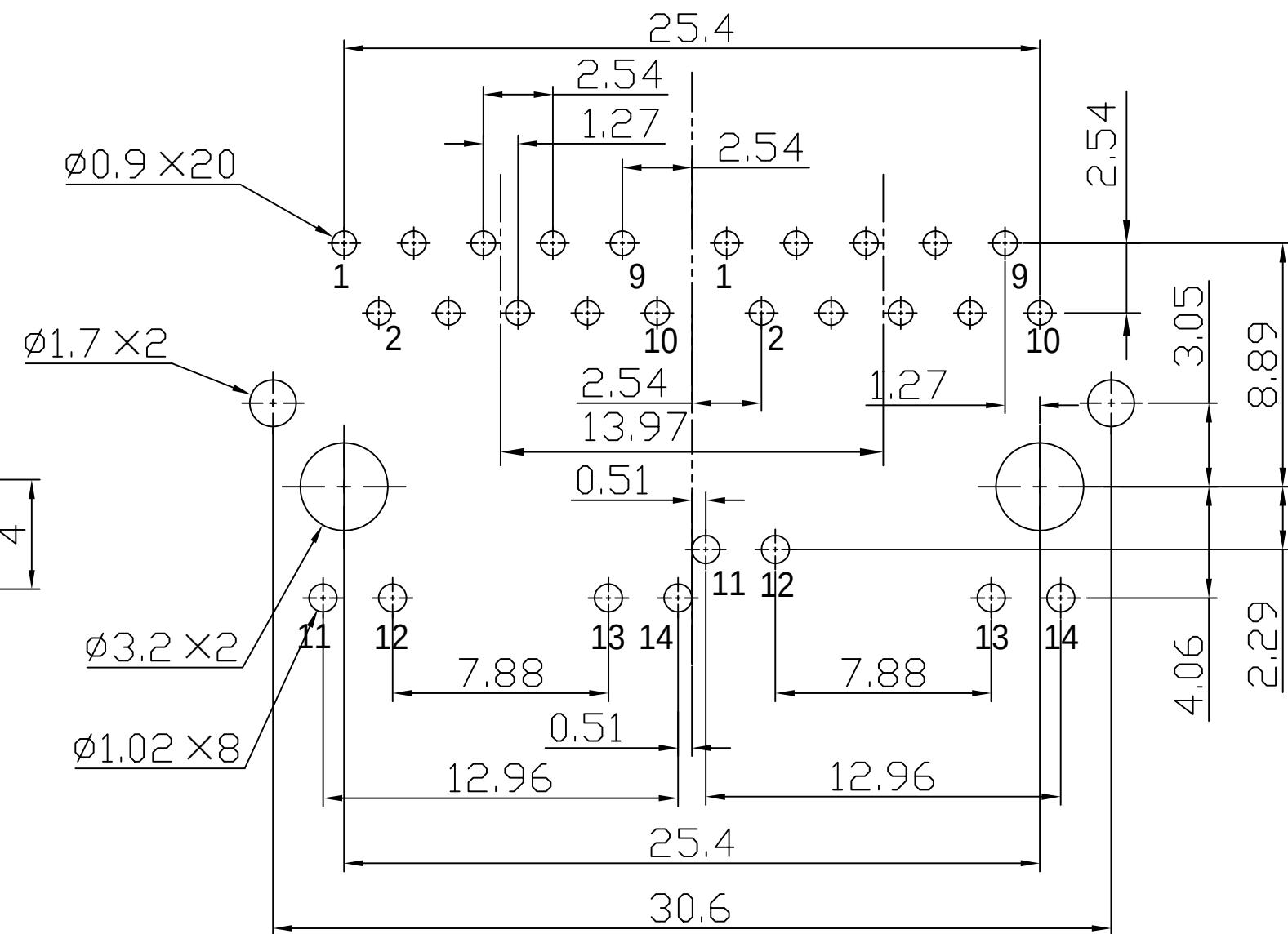
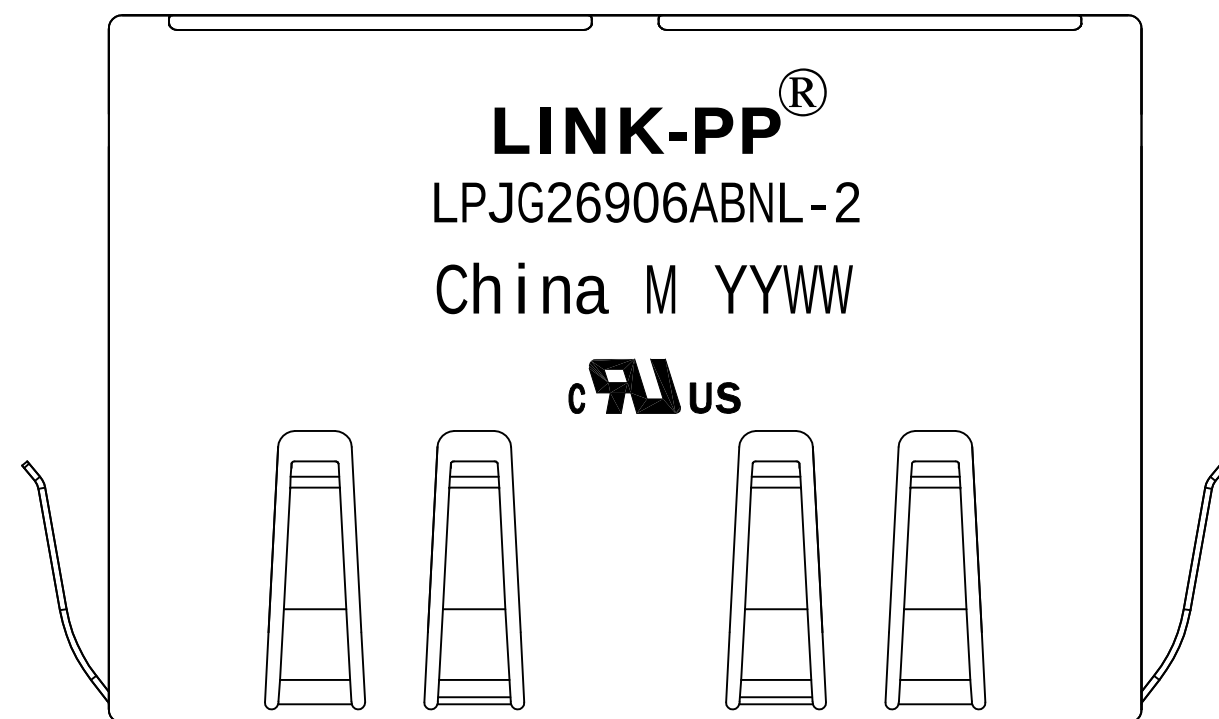
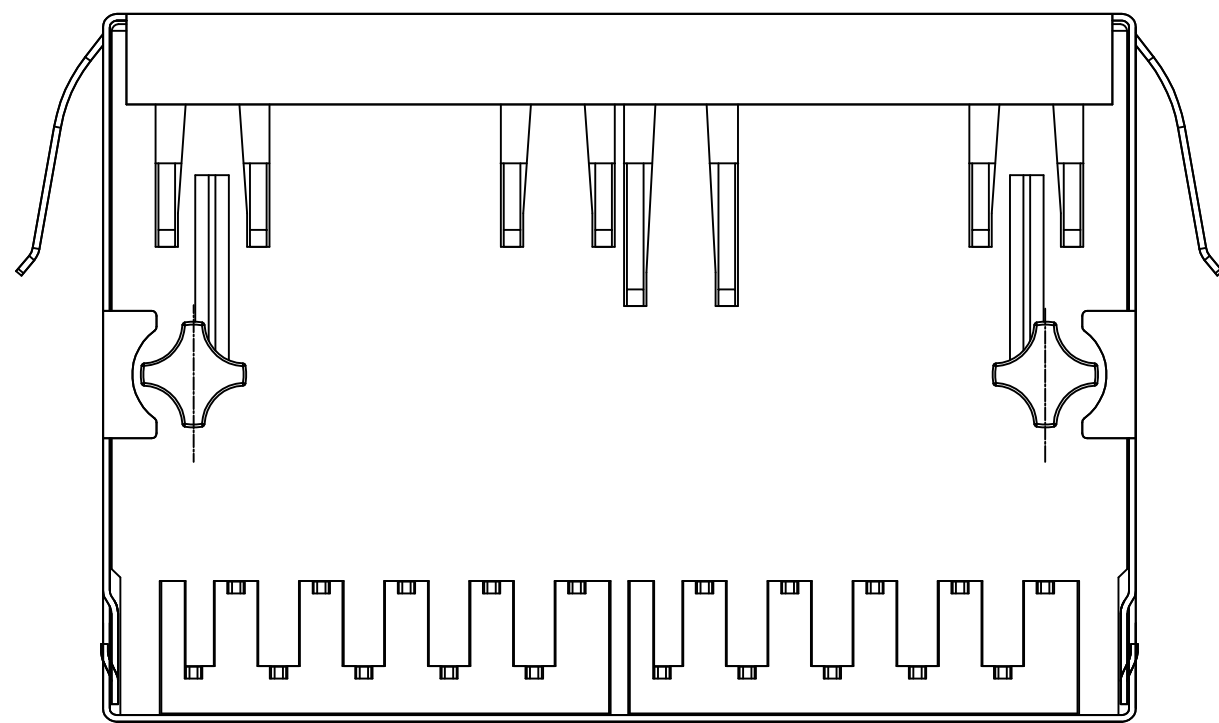
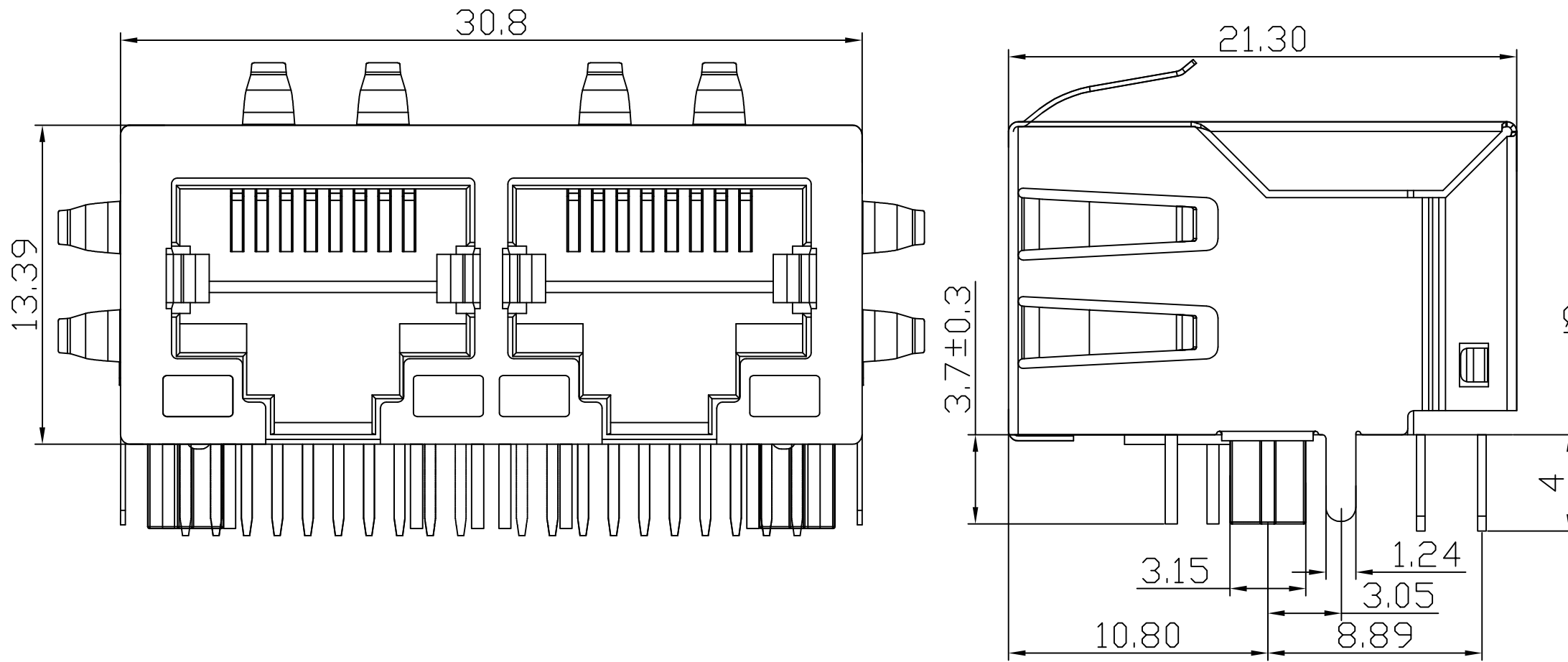
EMITTING COLOR	λ_p (nm)	V _F @I _F =20mA	I _R @V _R =5V
GREEN	565	1.8~2.6V	10 μA max
YELLOW	585	1.8~2.6V	10 μA max



X.X	±0.30	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X.XX	±0.25	CHKD: JAMES	TITLE: RJ45 CONNECTOR WITH 1000 BASE-T INTEGRATED MAGNETICS & WITH EMI SPRING FINGER & WITH LED	
X.XXX	±0.15	DR: JULY		
ANGLES	±1°	UNIT: mm	PART NO.: LPJG26906ABNL-2	
		SCALE: 2/1	SHEET: 1/2	REV: A
				DWG NO.: LP23112211

Mechanical :

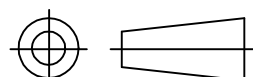
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2023-11-22	



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 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 and time: 250°C, 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 CONNECTOR WITH 1000 BASE-T INTEGRATED MAGNETICS & WITH EMI SPRING FINGER & WITH LED			
X.XXX	±0.15	DR:	JULY				
ANGLES	±1°	UNIT:	mm	PART NO.: LPJG26906ABNL-2			
		SCALE: 2/1		SHEET: 2/2		REV: A	DWG NO.: LP23112211