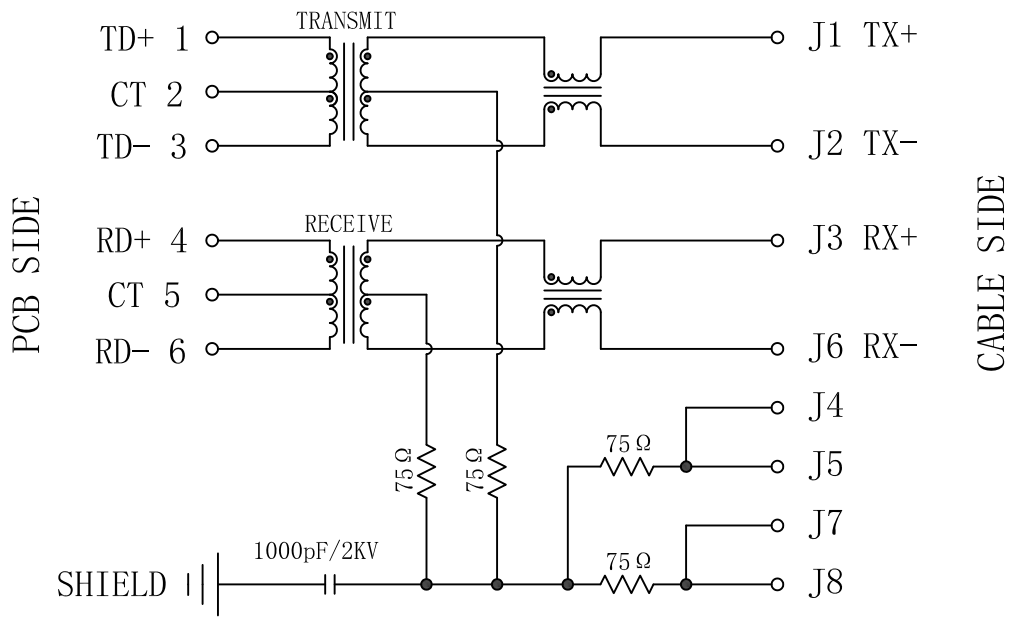


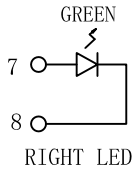
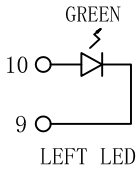
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-05-30	



ELECTRICAL SPECIFICATIONS @25℃

- Turn Ratio(±3%):
TX=1CT:1CT RX=1CT:1CT
- Inductance OCL:
350uH MIN @ 100KHz 0.1V 8mA DC Bias
- DCR: 1.2Ω MAX
- Insertion Loss:
-1.0dB MAX @ 1-100MHz
- Return Loss:
-18dB MIN @ 1-30MHz
-15dB MIN @ 30-60MHz
-12dB MIN @ 60-100MHz
- Cross talk:
-40dB MIN @ 30MHz
-35dB MIN @ 60MHz
-30dB MIN @ 100MHz
- Common Mode Rejection:
-30dB MIN @ 1-100MHz
- Hipot Test: 1500Vrms
- Operating Temperature Range: -40℃ to +85℃.

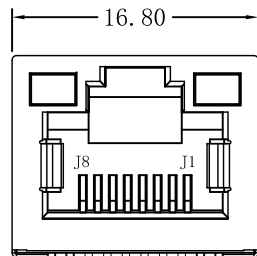


Emitting Color	λ p(nm)	VF@IF=20mA	IR @VR=5V
GREEN	565	1.8~2.4V	10 μ A max

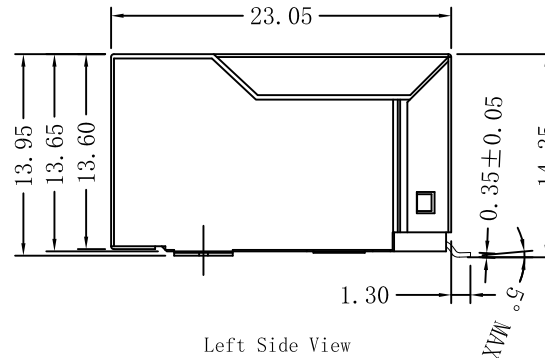
X:X ±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD:			
X:XXX ±0.05	DR: TOM	TITLE: Surface Mount 1×1 Tab-Up Jack With 10/100 Magnetic		
ANGLES ±1°	UNIT: mm	PART NO.: LPJ19434BCNL		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP13122619

Mechanical:

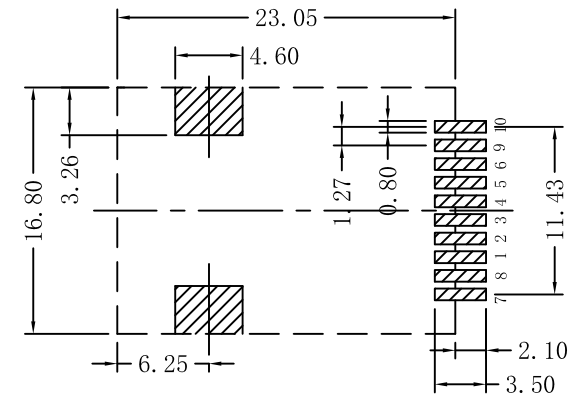
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-05-30	



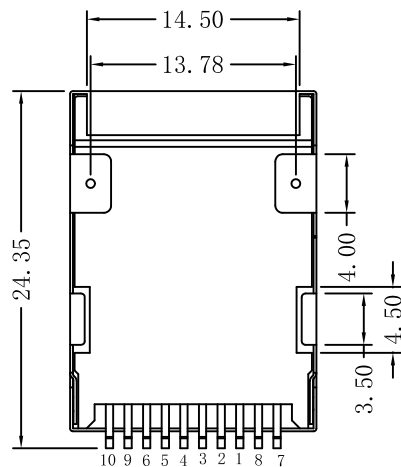
Front Side View



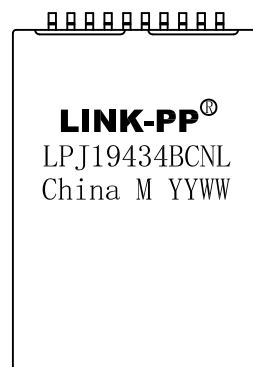
Left Side View



Suggested PCB Layout (Top View)



Bottom Side View



Top Side View

NOTES:

1. Meets IEEE 802.3 specification
2. Connector Materials:
Housing: Thermoplastic UL94V-0
Contact/Shield: Copper alloy
Shield plating: Nickel
Contact plating: Gold 6 micro-inches min. In contact area.
3. Maximum reflow temperature is: 250°C, 5 Sec.
4. UL Certification: File Number E484635.



X:X ±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD:			
X:XXX ±0.05	DR: TOM	TITLE: Surface Mount 1×1 Tab-Up Jack With 10/100 Magnetic		
ANGLES ±1°	UNIT: mm	PART NO.: LPJ19434BCNL		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP13122619