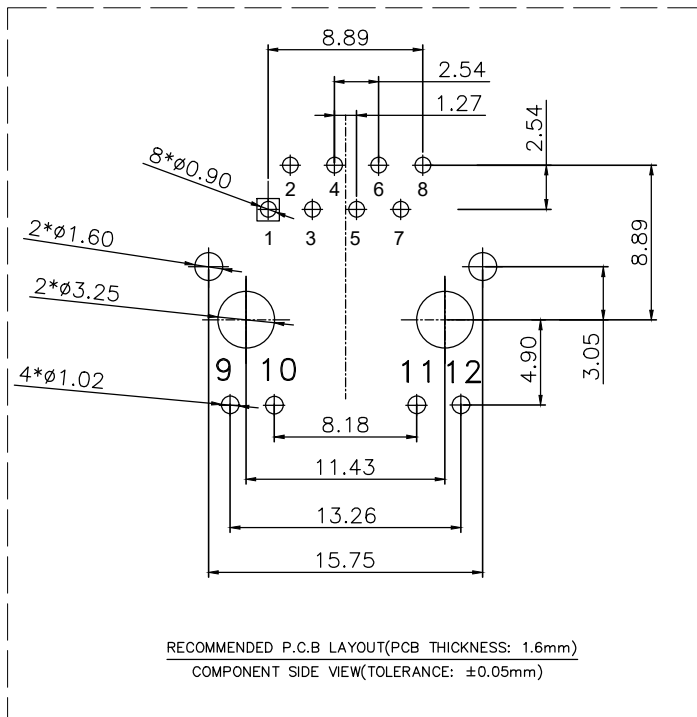
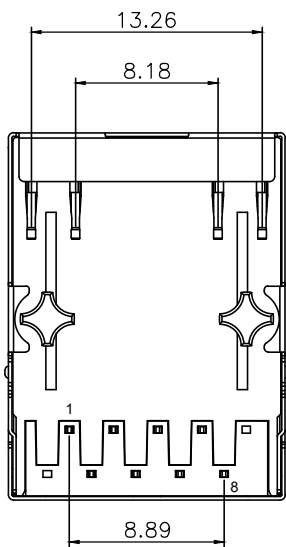
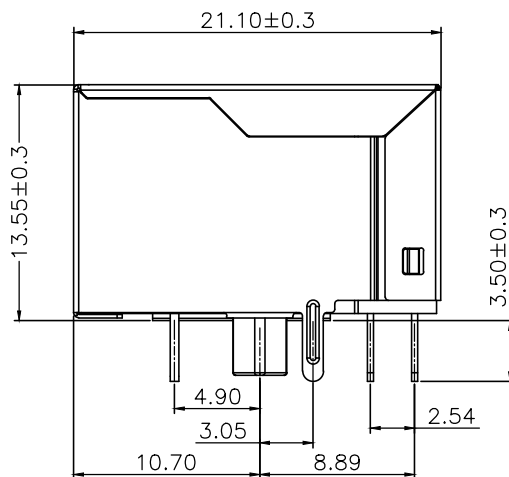
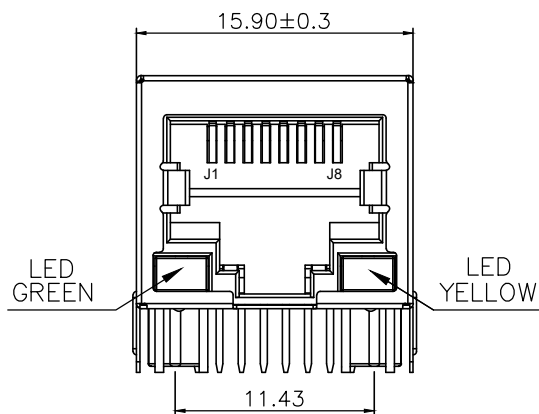


ROHS



REV.	ECN NO.	DESCRIPTION	DRAW	DATE

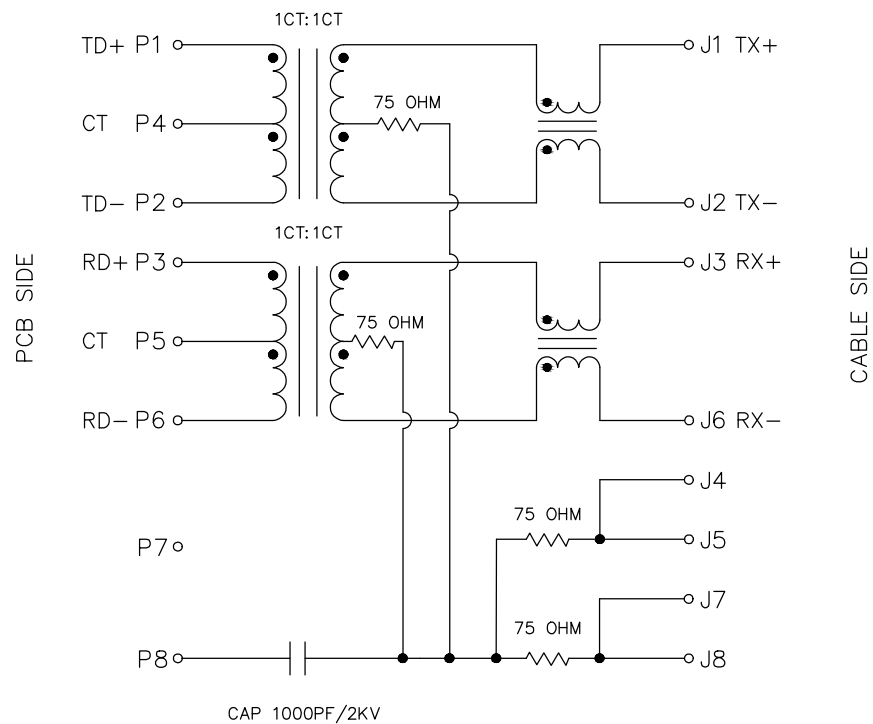
Connect Material:

- 1.Housing: Thermoplastic, PBT,UL94V-0, Color: Black;
- 2.Insert: Thermoplastic, PBT,UL 94V-0, Color: Black;
- 3.Shield: Brass T=0.2mm, 20u" Min Nickel Overall Plated;
- 4.Input Terminal: Brass T=0.35mm,40u" Min Ni UnderPlated Overall,80u" Min Tin On Solder Area;
- 5.RJ45 Terminal: Phosphor Bronze T=0.35mm, 40u" Min Ni UnderPlated Overall, 80u" Min Tin On Solder Area; Selective 6u" Gold Plated On Contact Area;

CUSTOMER DRAWING		LAILAN 深圳市莱联电子有限公司			
DRAWING		SHENZHEN LAILIAN ELECTRONICS CO.,LTD			
CHECKED					
APPROVED					
TOLERANCES ARE		TITLE	RJ45 1X1 Tab Down 100M带壳无弹左绿右黄	REV.	A
30-150	±0.35	PART NO.	LAIL-RJ45-LED2-BY-01-WC	UNITS	mm
10-30	±0.2				
5-10	±0.15	DWG. NO.		Projection	
0-5	±0.1				

REV.	ECN NO.	DESCRIPTION	DRAW	DATE

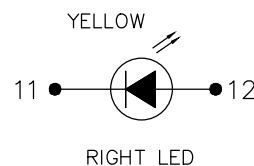
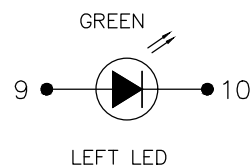
SCHEMATICS



ELECTRICAL SPECIFICATIONS@25°C UNLESS OTHERWISE NOTED:

- 1.Turn Ratio(+/-5%): 1CT:1CT
- 2.Inductance OCL: 350uH Min @100KHz/0.1V/ 8mA DC Bias
- 3.Insertion Loss:
 - 1.0dB Max 1-100MHz
- 4.Return Loss:
 - 18dB Min 1-30MHz
 - 15dB Min 30-60MHz
 - 12dB Min 60-80MHz
 - 10dB Min 80-100MHz
- 5.Cross talk:
 - 30dB Min 1-100MHz
- 6.Common Mode Rejection:
 - 30dB Min 1-100MHz
- 7.Hipot Test: (pcb side to cable side)
 - 2250VDC 3S 1mA Max
- 8.Operating Temperature Range: -40°C ~ +85°C
- 9.Storage Temperature Range: -40°C ~ +85°C
- 10.The Part Is Recommended For Wave Soldering Process .
- 11.RJ45 Meets IEEE 802.3 Standards.
- 12.RJ45 Cavities Conform To FCC Rules And Regulation Part 68 Subpart F.
- 13.LED Specification:

Emitting Color	λ_d (nm)typ	$V_f @ I_f = 20\text{mA}$	$I_r @ V_r = 5\text{V}$
GREEN	565nm	1.8-2.4V	10uA Max
YELLOW	585nm	1.8-2.4V	10uA Max



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TOLERANCES ARE		TITLE	RJ45 1X1 Tab Down 100M带壳无弹左绿右黄	REV.	A
30-150	±0.35	PART NO.	LAIL-RJ45-LED2-BY-01-WC	UNITS	mm
10-30	±0.2				
5-10	±0.15				
0-5	±0.1	DWG. NO.		Projection	