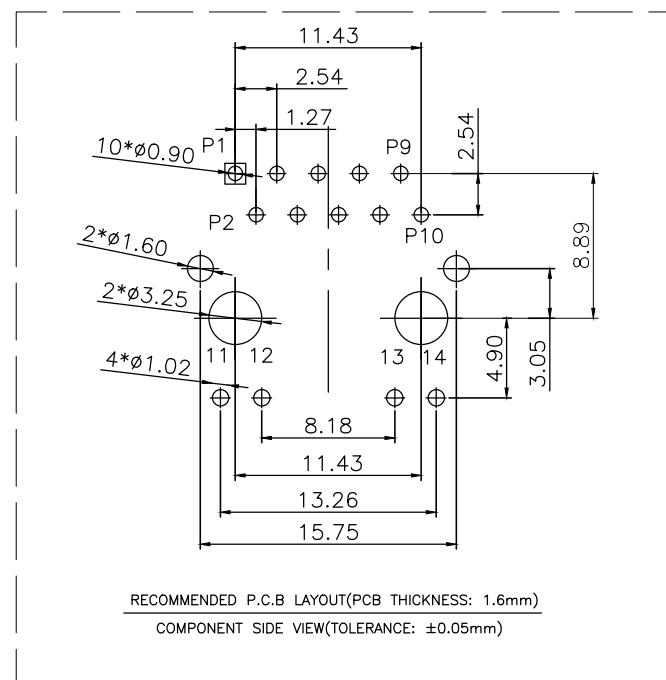
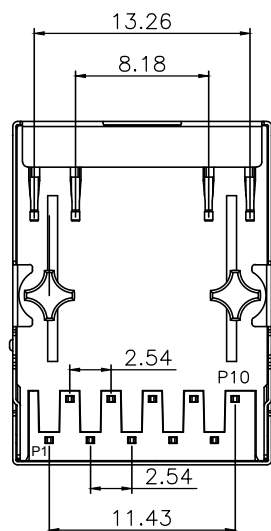
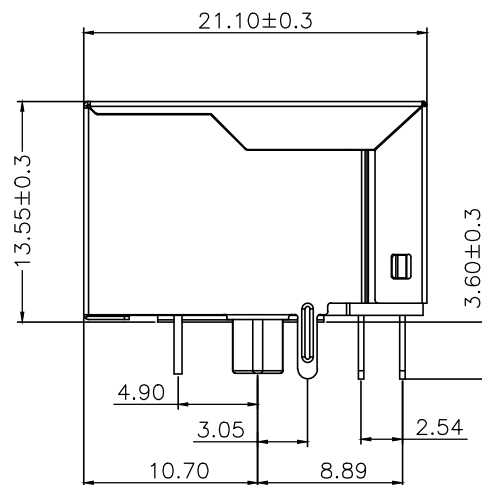
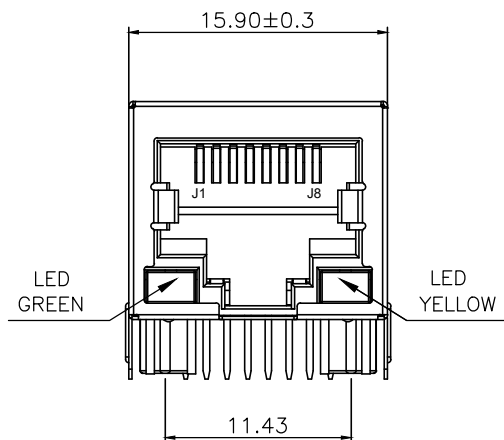


ROHS



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 Under Plated Overall,80u" Min Tin On Solder Area;
- 5.RJ45 Terminal: Phosphor Bronze T=0.35mm, 40u" Min Ni Under Plated Overall, 50u" Min Tin On Solder Area; Selective 6u" Gold Plated On Contact Area;

COSTOMTER DRAWING		LWLAN 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 1000M带壳无弹左绿右黄	REV.	A
30-150	±0.35	PART NO.	LAIL-RJ45-LED2-BY-03-WC	UNITS	mm
10-30	±0.2				
5-10	±0.15				
0-5	±0.1				
±3°		DWG. NO.		Projection	

REV.	ECN NO.	DESCRIPTION	DRAW	DATE

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:

-1.1dB Max1-100MHz
- 4.Return Loss:

-18dB Min1-30MHz100Ω

-15dB Min30-60MHz100Ω

-12dB Min60-80MHz100Ω

-10dB Min80-100MHz100Ω
- 5.Cross talk:

-35dB Min1-10MHz

-26dB Min15-60MHz

-24dB Min60-100MHz
- 6.Common Mode Rejection:

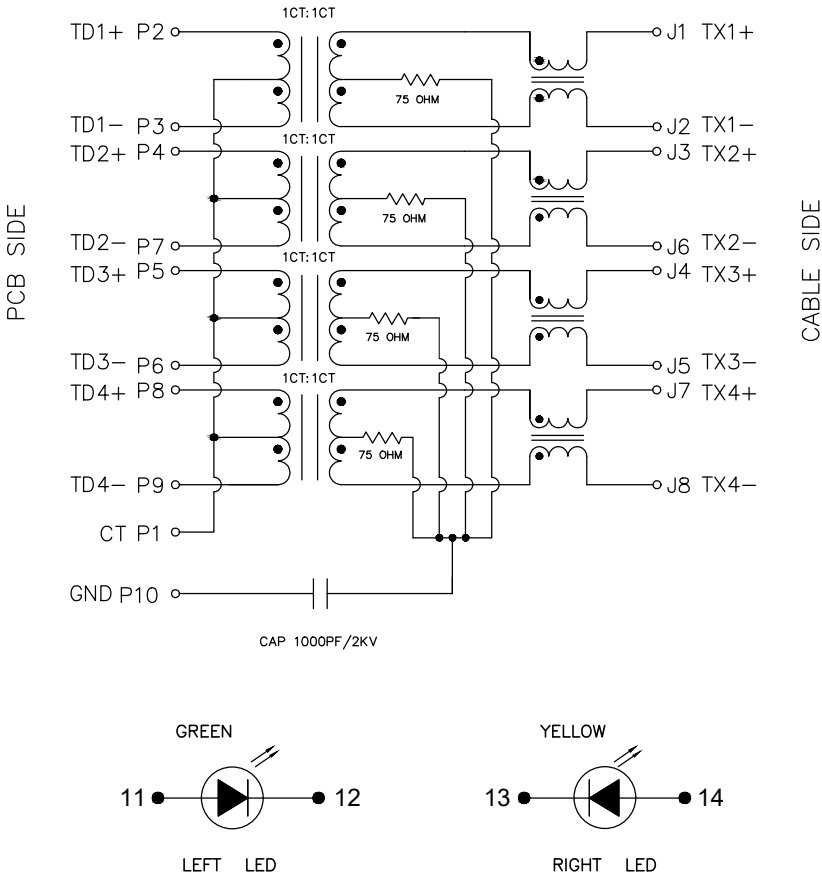
-30dB Min1-100MHz
- 7.Hipot Test:

2250VDC 3S 1mA Max
- 8.Operating Temperature Range: -40°C ~ +85°C
- 9.RJ45 Meets IEEE 802.3 Standards.
- 10.RJ45 Cavities Conform To FCC Rules And Regulation

Part 68 Subpart F.
- 11.LED Specification:

Emitting Color	λd(nm)typ	Vf@If=20mA	Ir@Vr=5V
GREEN	565nm	1.8-2.4V	10uA Max
YELLOW	585nm	1.8-2.4V	10uA Max

SCHEMATICS



CUSTOMER DRAWING		深圳市莱联电子有限公司 SHENZHEN LAILIAN ELECTRONICS CO.,LTD			
DRAWING					
CHECKED					
APPROVED					
TOLERANCES ARE		TITLE	RJ45 1X1 Tab Down 1000M带壳无弹左绿右黄	REV.	A
30-150	±0.35	PART NO.	LAIL-RJ45-LED2-BY-03-WC	UNITS	mm
10-30	±0.2				
5-10	±0.15				
0-5	±0.1	DWG. NO.		Projection	