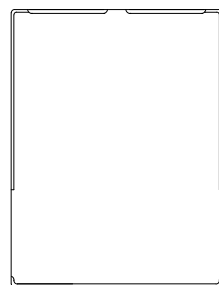


ROHS

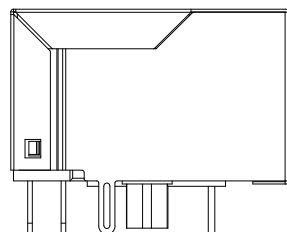
REV.	ECN NO.	DESCRIPTION	DRAW	DATE

MATERIAL:
HOUSING : PBT,UL94V-0,BLACK.
TERMINALS BRACKET: PBT,UL94V-0,BLACK.
SHIELD: BRASS,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.

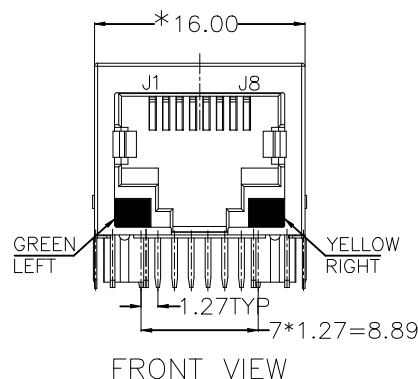
MECHANICAL:
DURABILITY : 750 CYCLES MIN.
MATING FORCE : 23N MAX.
OPERATING TEMPERATURE: -40°C~+85°C.
STORAGE TEMPERATURE: -40°C~+85°C.
ALL CRITICAL DIMENSIONS WITH "*"



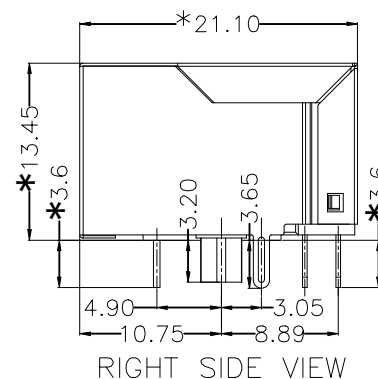
TOP VIEW



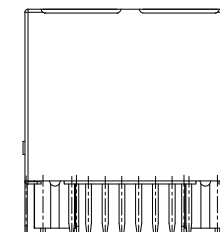
LEFT SIDE VIEW



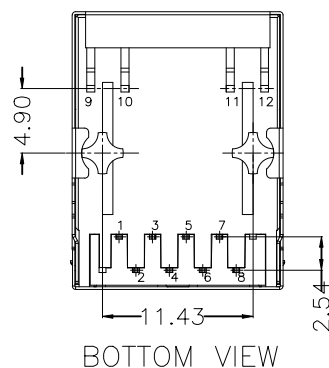
FRONT VIEW



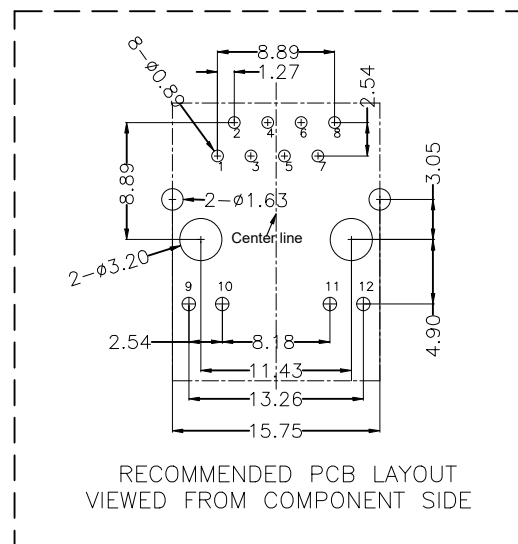
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

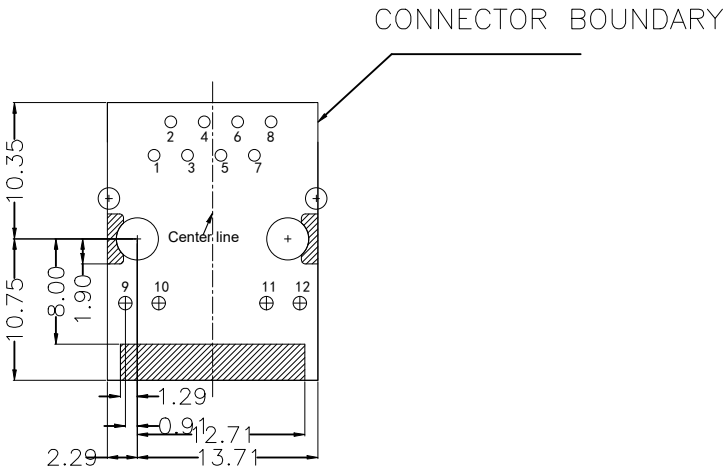
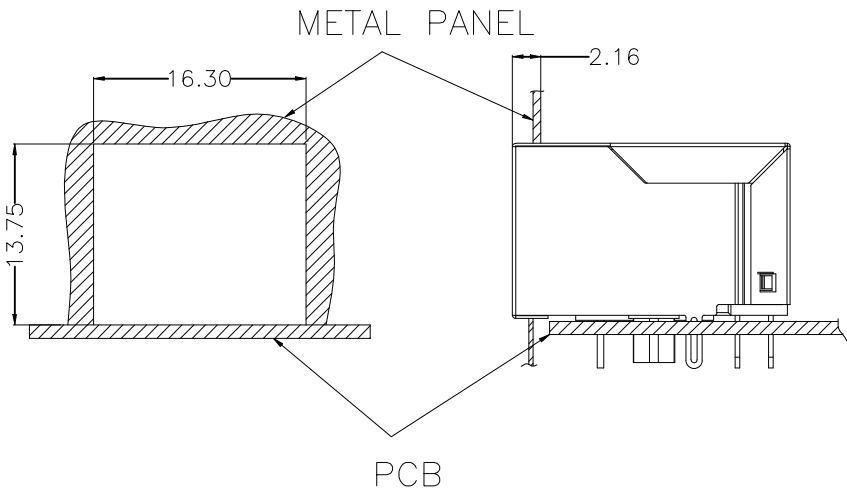
CUSTOMER DRAWING		LAILIAN 深圳市莱联电子有限公司 SHENZHEN LAILIAN ELECTRONICS CO.,LTD			
DRAWING		TITLE		TAB-DOWN 1X1 10/100BASE	REV. A
CHECKED		PART NO.		LAIL-RJ45-LED2-BY-16G-WC	UNITS mm
APPROVED		DWG. NO.			Projection
TOLERANCES ARE					
30-150	±0.35	ANGLE			
10-30	±0.2				
5-10	±0.15				
0-5	±0.1				

ROHS

REV.	ECN NO.	DESCRIPTION	DRAW	DATE

RECOMMENDED PANEL CUTOUT(REFERENCE ONLY):

KEEP-OUT AREA(COMPONENT SIDE VIEW):

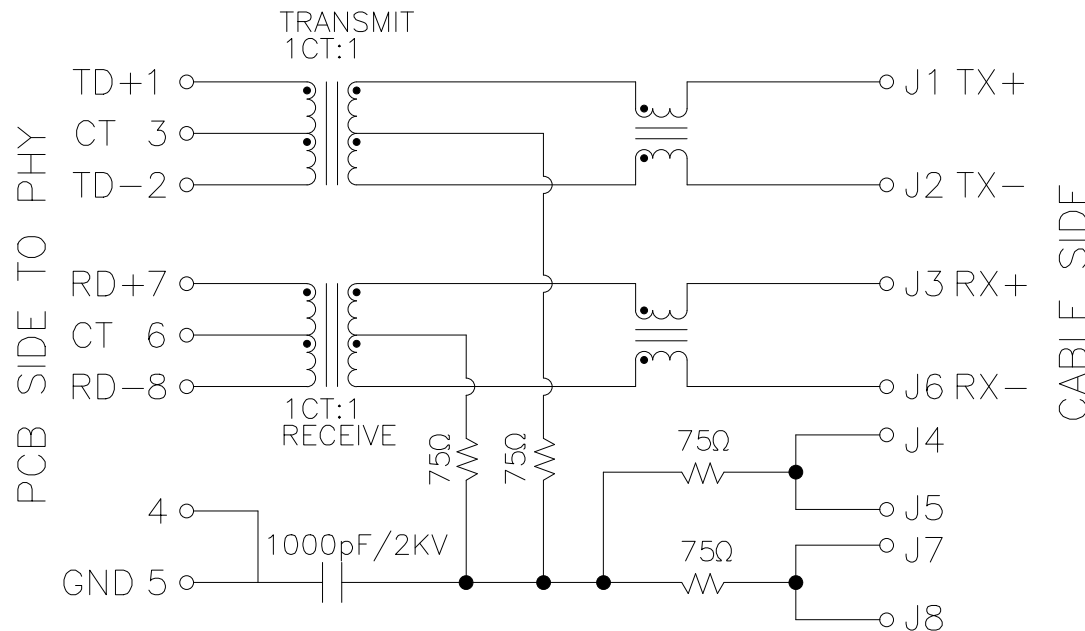


UNIT: MM / INCH
TOLERANCES: ± 0.10 / 0.004
REFERENCE ONLY

UNIT: MM / INCH
TOLERANCES: ± 0.10 / 0.004

CUSTOMER DRAWING		LAILIAN 深圳市莱联电子有限公司 SHENZHEN LAILIAN ELECTRONICS CO., LTD			
DRAWING					
CHECKED					
APPROVED					
TOLERANCES ARE		TITLE	TAB-DOWN 1X1 10/100BASE	REV.	A
30-150	± 0.35	PART NO.	LAIL-RJ45-LED2-BY-16G-WC	UNITS	mm
10-30	± 0.2	DWG. NO.		Projection	
5-10	± 0.15				
0-5	± 0.1				
	ANGLE				
	$\pm 3^\circ$				

REV.	ECN NO.	DESCRIPTION	DRAW	DATE

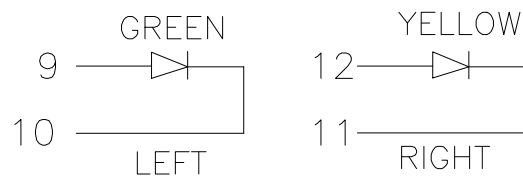


Electrical:

- 1.Turn ratio:1~2:J1~J2=1CT:1CT+2%)
7~8:J3~J6=1CT:1CT2%)
- 2.OCL:350uH Min.at 100KHz100mV 8mA DC
- 3.Insertion Loss:-1.0 dB Max 1~100MHz
- 4.Return loss:-20dB Min 1~10MHz;
-16dB Min 10~30MHz
-12dB Min 30~60MHz
-10dB Min 60~80MHz.
- 5.Cross talk:-40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHZ
- 6.CMR:-30dB Min 1~100MHz;
- 7.Hi-Pot:1500V AC & 2250V DC
6S 1MA PRI TO SEC

LED Specification

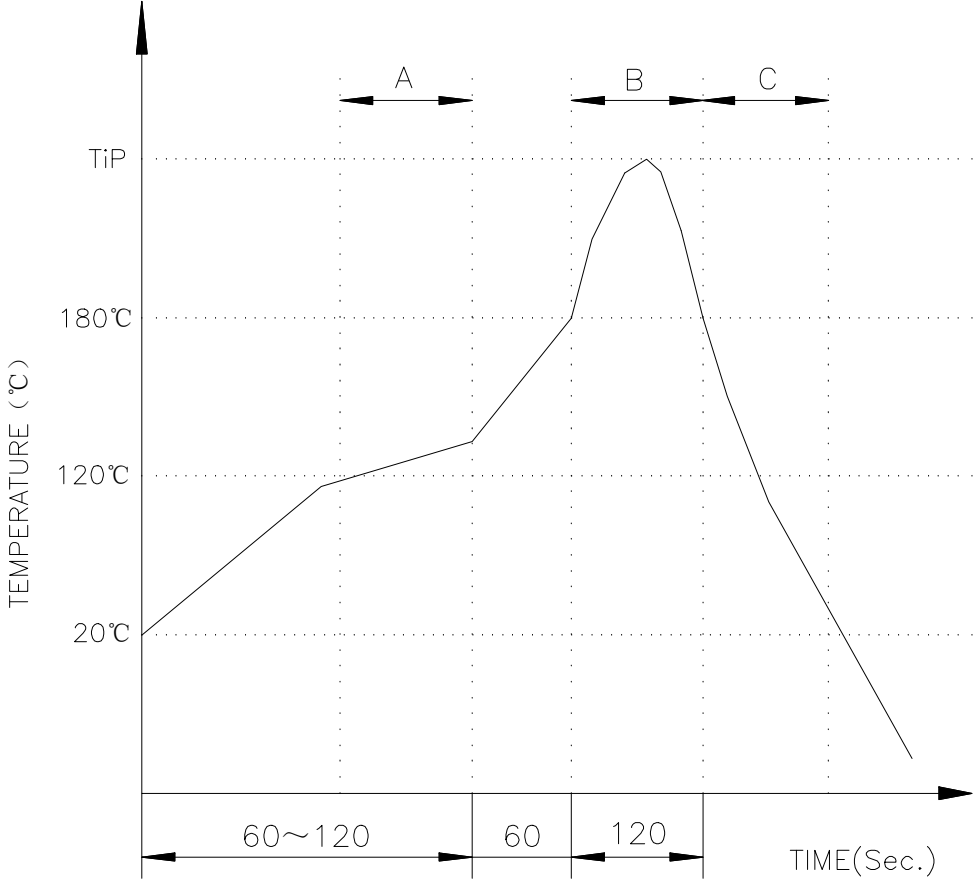
Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V



COSTOMER DRAWING			LAILIAN 深圳市莱联电子有限公司			
DRAWING			SHENZHEN LAILIAN ELECTRONICS CO., LTD			
CHECKED						
APPROVED						
TOLERANCES ARE			TITLE	TAB-DOWN 1X1 10/100BASE	REV.	A
30-150	±0.35	ANGLE	PART NO.	LAIL-RJ45-LED2-BY-16G-WC	UNITS	mm
10-30	±0.2		DWG. NO.		Projection 	
5-10	±0.15					
0-5	±0.1	±3°				

REV.	ECN NO.	DESCRIPTION	DRAW	DATE

PROFILE OF WAVE SOLDER



A.Preheating B.Soldering C.Gradual Cooling
Tip temperature:260±5°C.
Tip temperature time:5Sec Max.
Tip melting point of Sn96.5/Ag3/Cu0.5:217°C.

Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.

COSTOMER DRAWING			LAILIAN 深圳市莱联电子有限公司			
DRAWING			SHENZHEN LAILIAN ELECTRONICS CO.,LTD			
CHECKED						
APPROVED						
TOLERANCES ARE			TITLE	TAB-DOWN 1X1 10/100BASE	REV.	A
30-150	±0.35	ANGLE	PART NO.	LAIL-RJ45-LED2-BY-16G-WC	UNITS	mm
10-30	±0.2		DWG. NO.		Projection	
5-10	±0.15					
0-5	±0.1					