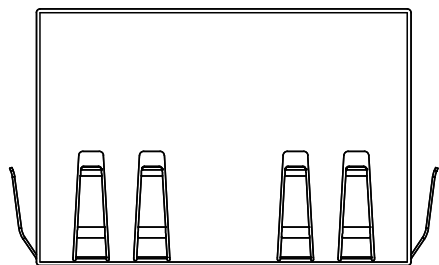
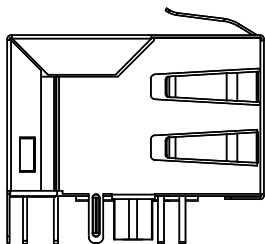


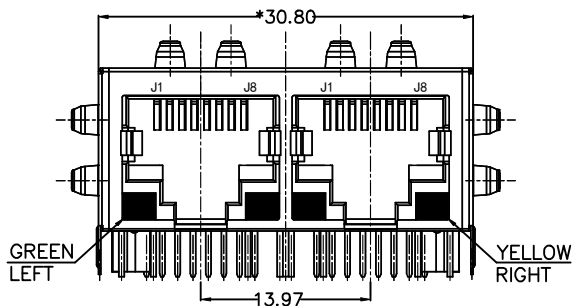
ROHS



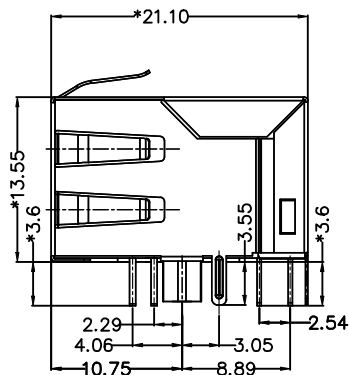
TOP VIEW



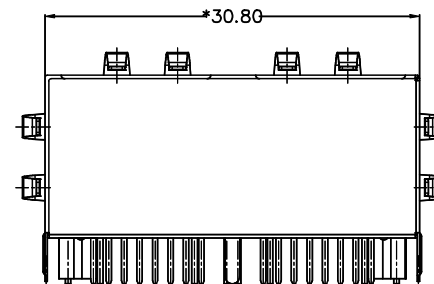
LEFT SIDE VIEW



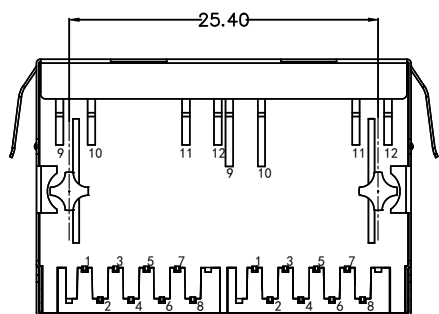
FRONT VIEW



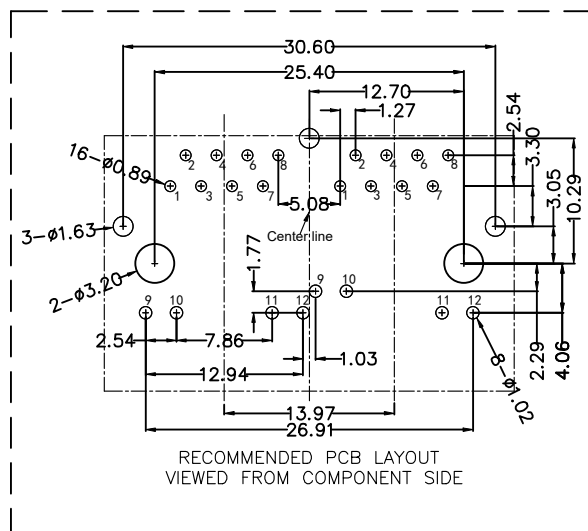
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW

RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

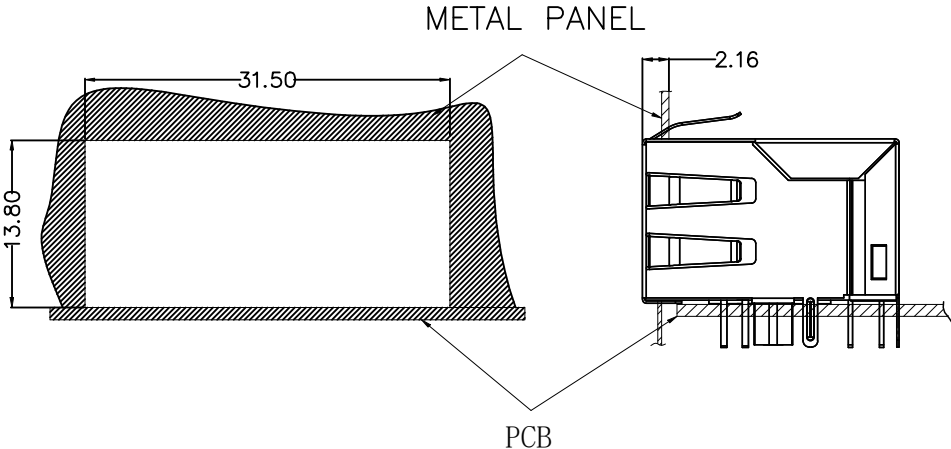
MATERIAL:
HOUSING: PBT,UL94V-0,BLACK.
TERMINALS BRACKET: PBT,UL94V-0,BLACK.
SHIELD: BRASS,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE ,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.

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 "※"

CUSTOMER 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 1X2 10/100BASE
30-150	±0.35	PART NO.	LAIL-RJ45-2P-LED4-BY-02G-WC
10-30	±0.2	UNITS	mm
5-10	±0.15	DWG. NO.	
0-5	±0.1	Projection	⊕

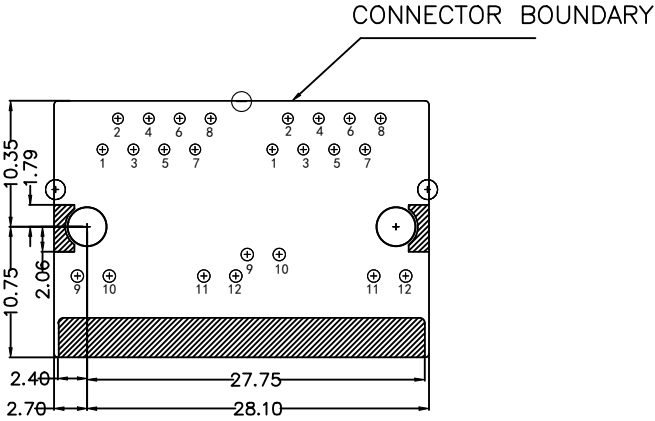
ROHS

RECOMMENDED PANEL CUTOUT(REFERENCE ONLY):



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

KEEP-OUT AREA(COMPONENT SIDE VIEW):

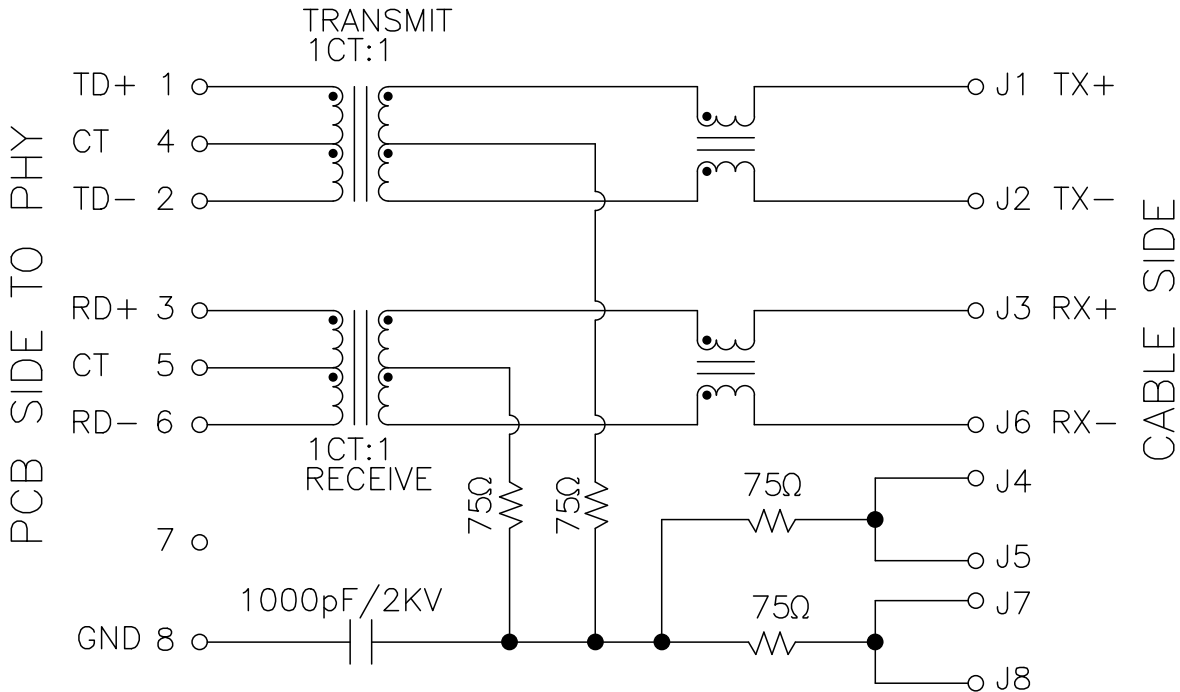


PLUG-IN SIDE

UNIT: MM / INCH
TOLERANCES: ± 0.10 / 0.004

COSTOMER DRAWING		LAILAN 深圳市莱联电子有限公司 SHENZHEN LAILIAN ELECTRONICS CO.,LTD				
DRAWING		TITLE TAB-DOWN 1X2 10/100BASE REV. A				
CHECKED						
APPROVED						
TOLERANCES ARE		PART NO. LAIL-RJ45-2P-LED4-BY-02G-WC UNITS mm				
30-150	±0.35	ANGLE	DWG. NO.		Projection	
10-30	±0.2					
5-10	±0.15					
0-5	±0.1					
		±3°				

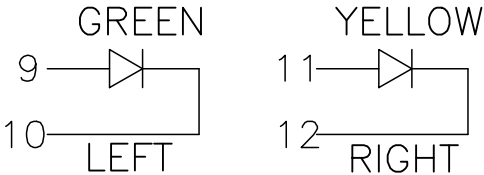
REV.	ECN NO.	DESCRIPTION	DRAW	DATE



- Electrical:
- 1.Turn ratio:1~2:J1~J2=1CT:1CT(+2%)
3~6:J3~J6=1CT:1CT2%)
 - 2.OCL:350uH Min.at 100KHz 100mV 8mA DC
 - 3.Insertion Loss:-1.0 dB Max 1~100MHz.
 - 4.Return loss:-20dB Min 1~10MMHZ.
-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



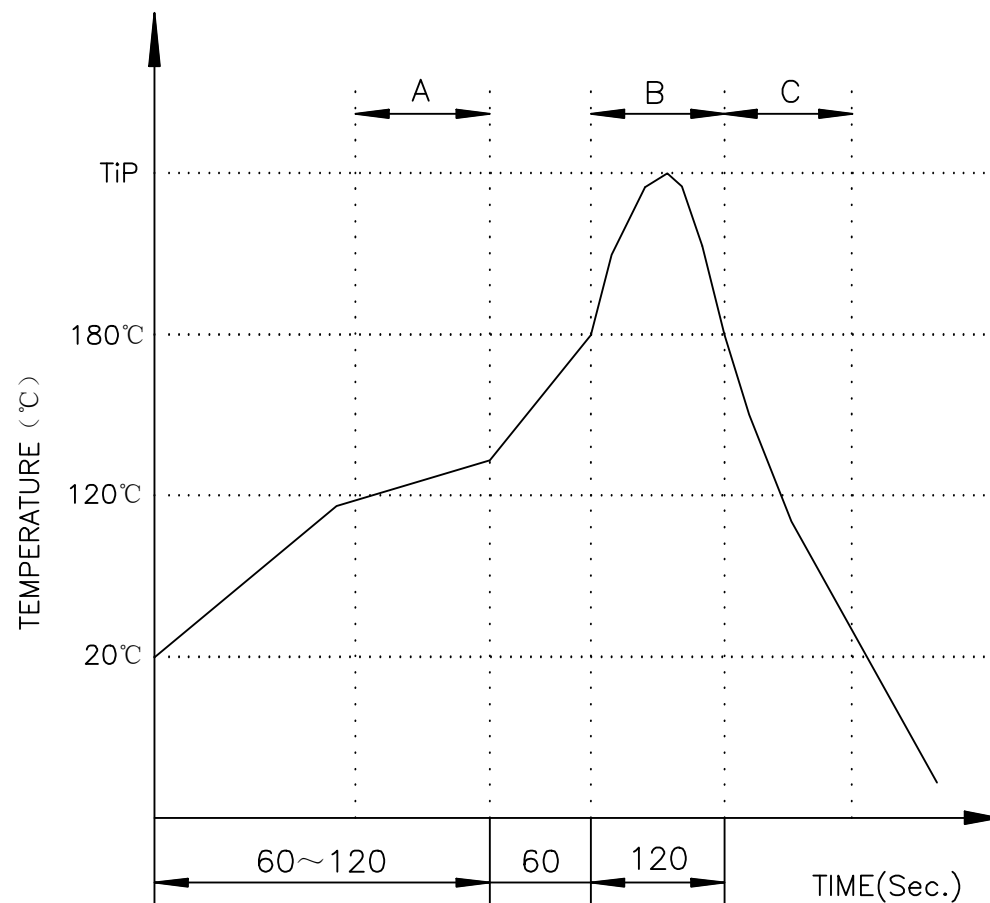
COSTOMER DRAWING			LAILIAN 深圳市莱联电子有限公司			
DRAWING			SHENZHEN LAILIAN ELECTRONICS CO.,LTD			
CHECKED						
APPROVED			TITLE	TAB-DOWN 1X2 10/100BASE	REV.	A
TOLERANCES ARE			PART NO.	LAIL-RJ45-2P-LED4-BY-02G-WC	UNITS	mm
30-150	±0.35	ANGLE	DWG. NO.		Projection	
10-30	±0.2					
5-10	±0.15					
0-5	±0.1	±3°				

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.



COSTOMTER DRAWING			LAILAN 深圳市莱联电子有限公司					
DRAWING			SHENZHEN LAILIAN ELECTRONICS CO., LTD					
CHECKED								
APPROVED								
TOLERANCES ARE			TITLE		TAB-DOWN 1X2 10/100BASE	REV.	A	
30-150	±0.35	ANGLE	PART NO.	LAIL-RJ45-2P-LED4-BY-02G-WC	UNITS	mm		
10-30	±0.2							
5-10	±0.15							
0-5	±0.1							
			DWG. NO.				Projection	