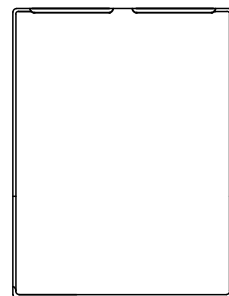
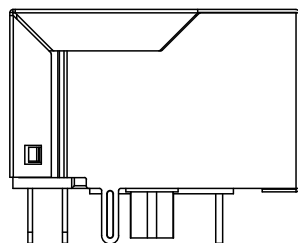


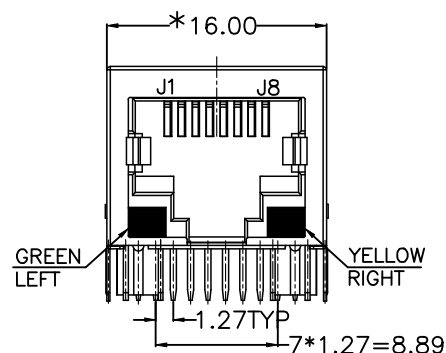
ROHS



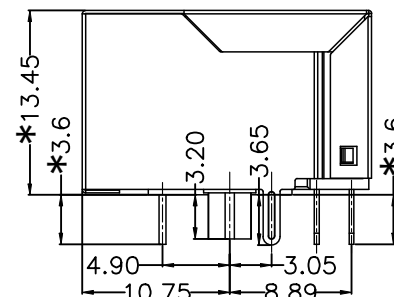
TOP VIEW



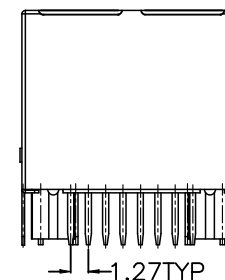
LEFT SIDE VIEW



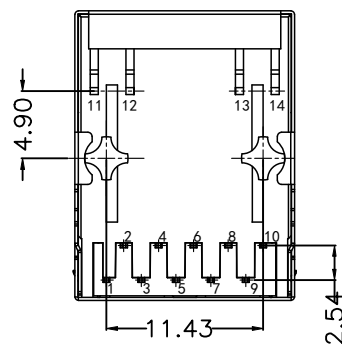
FRONT VIEW



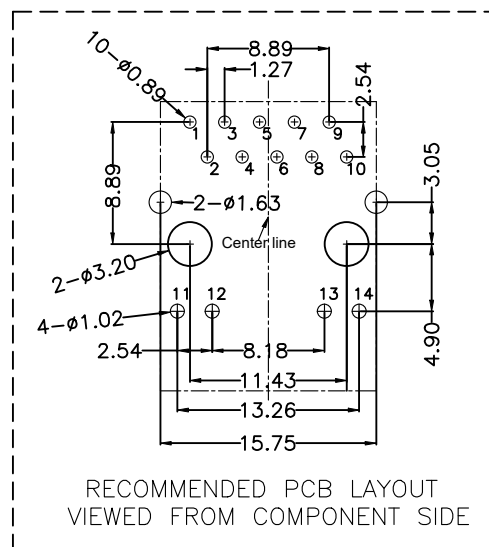
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW

RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

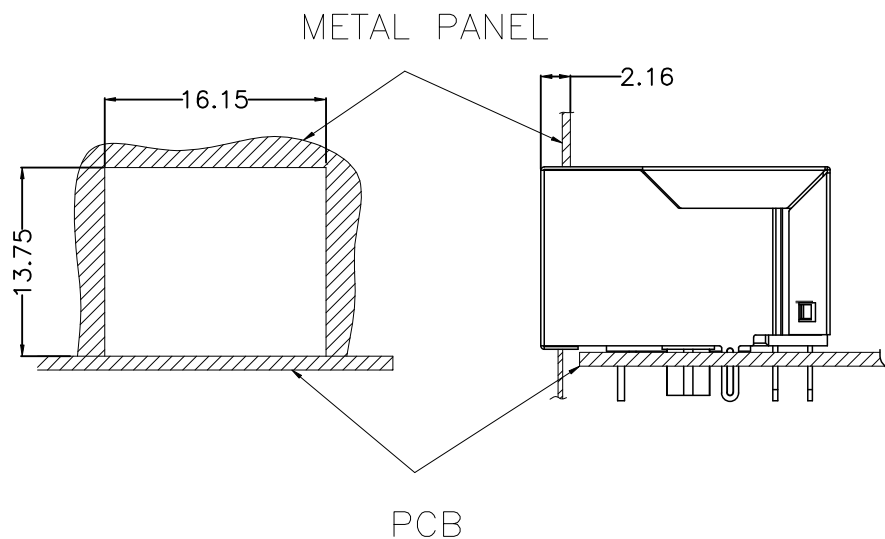
MATERIAL:
HOUSING : PBT,UL94V-0,BLACK.
TERMINALS BRACKET: PBT,UL94V-0,BLACK.
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.

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 SHENZHEN LAILIAN ELECTRONICS CO., LTD				
DRAWING		TITLE		TAB-DOWN 1X1 1000BASE	REV.	A
CHECKED						
APPROVED						
TOLERANCES ARE		PART NO.	LAIL-RJ45-LED2-BY-03G-WC	UNITS	mm	
30-150	±0.35					ANGLE
10-30	±0.2					
5-10	±0.15					
0-5	±0.1					
		DWG. NO.		Projection		

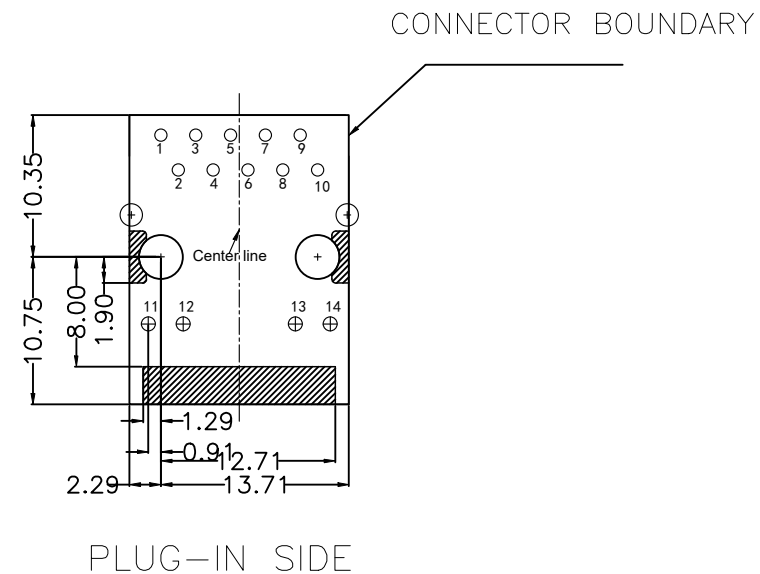
ROHS

RECOMMENDED PANEL CUTOUT(REFERENCE ONLY):



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

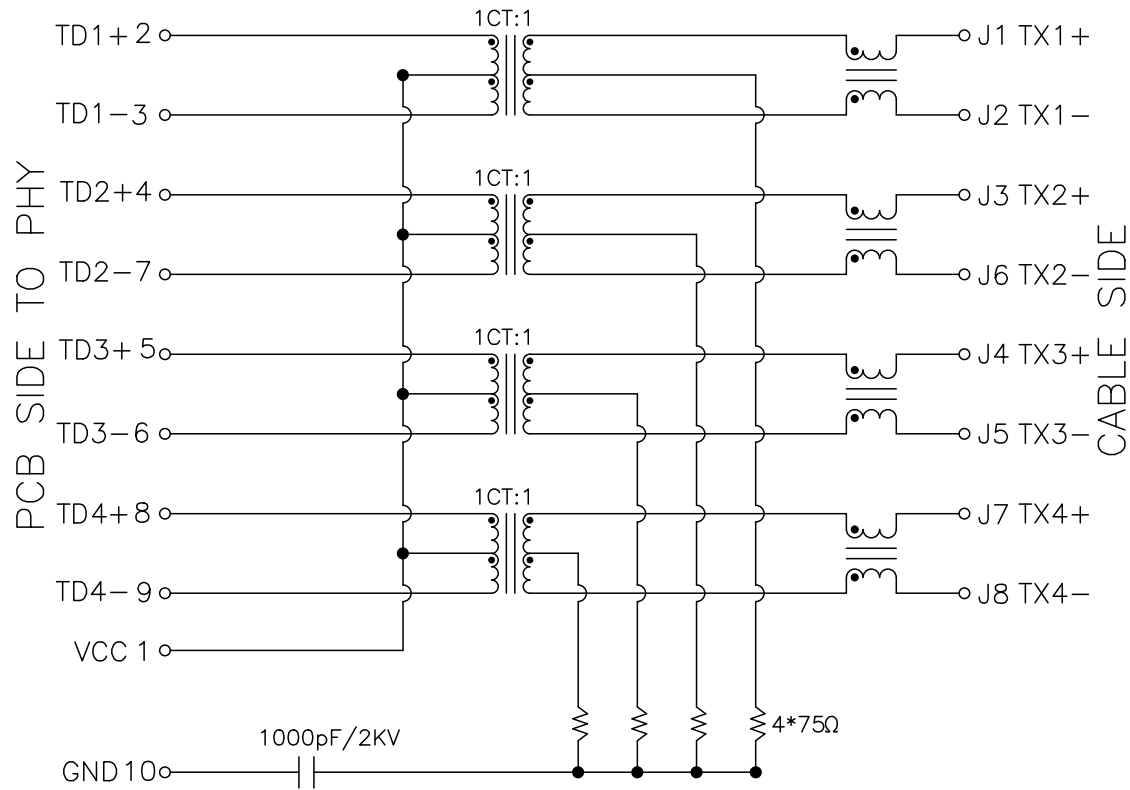
KEEP-OUT AREA(COMPONENT SIDE VIEW):



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 1000BASE	REV.	A
30-150	±0.35	ANGLE	PART NO.	LAIL-RJ45-LED2-BY-03G-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

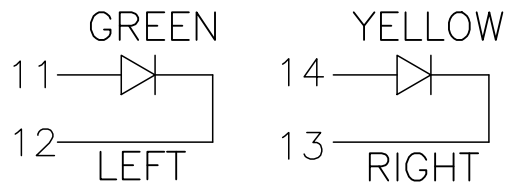


Electrical:

- 1.Tum ratio:2~3:J1~J2=1CT:1CT(2%)
4~7:J3~J6=1CT:1CT(2%)
5~6:J4~J5=1CT:1CT(+2%)
8~9:J7~J8=1CT:1CT(+2%)
- 2.OCL:350uH Min.at 100KHz 100mV 8mA DC
- 3.Insertion Loss:-1.0 dB Max 1~100MHz
- 4.Return loss:-18dB Mi 1~30MHz:
-14dB Min 30~60MHz.
-12dB Min 60~80MHz.
-10dB Min 80~100MHz
- 5.Cross talk:-40dB Min 1~30MHz;
-35dB Mi 30~60MHz:
-30dB Mi 60~100MHz:
- 6.CMR:-30dB Mi 1~100MHz;
- 7.Hi-Pot:2250V DC 6S 1MA PRI TO SEC

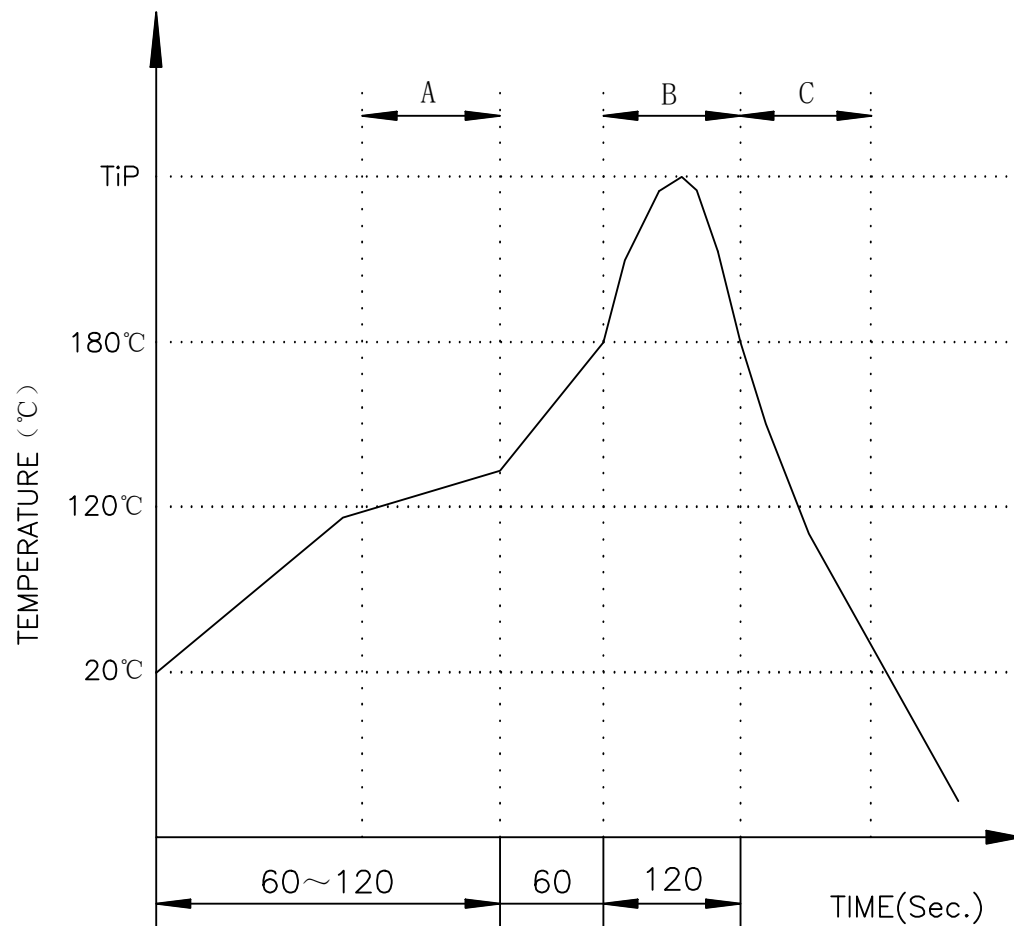
LED Specification

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 SHENZHEN LAILIAN ELECTRONICS CO.,LTD			
DRAWING			TITLE TAB-DOWN 1X1 1000BASE REV. A			
CHECKED						
APPROVED						
TOLERANCES ARE			PART NO.	LAIL-RJ45-LED2-BY-03G-WC	UNITS	mm
30-150	±0.35	ANGLE ±3°	DWG. NO.		Projection	
10-30	±0.2					
5-10	±0.15					
0-5	±0.1					

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 1000BASE	REV.	A
30-150	±0.35	ANGLE	PART NO.	LAIL-RJ45-LED2-BY-03G-WC	UNITS	mm
10-30	±0.2					
5-10	±0.15					
0-5	±0.1	±3°	DWG. NO.		Projection	