

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:

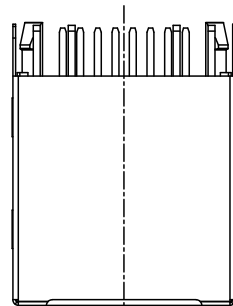
DURABILITY: 750 CYCLES MIN.

MATING FORCE: 23N MAX.

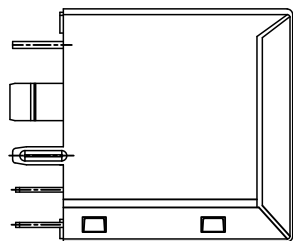
OPERATING TEMPERATURE: -40°C~+85°C.

STORAGE TEMPERATURE: -40°C~+85°C.

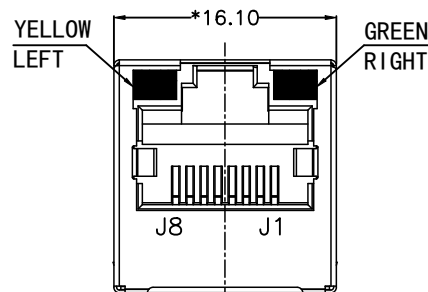
ALL CRITICAL DIMENSIONS WITH "*"



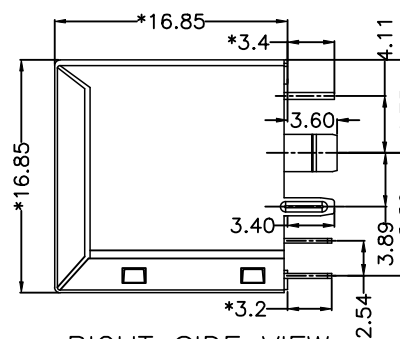
TOP VIEW



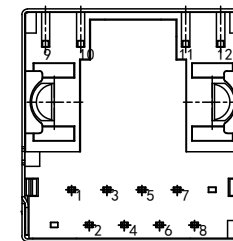
LEFT SIDE VIEW



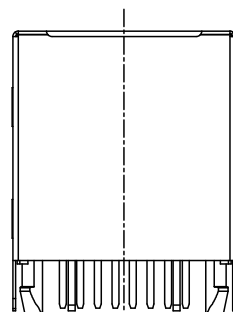
FRONT VIEW



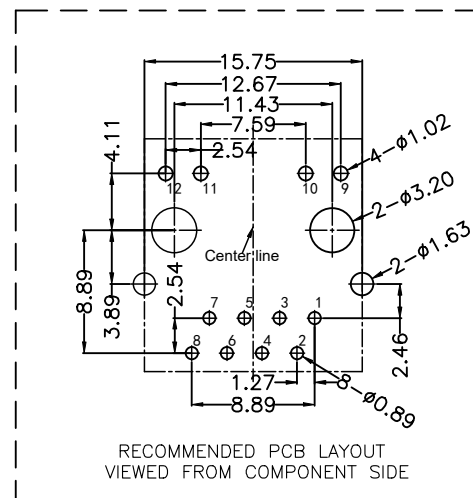
RIGHT SIDE VIEW



BACK VIEW



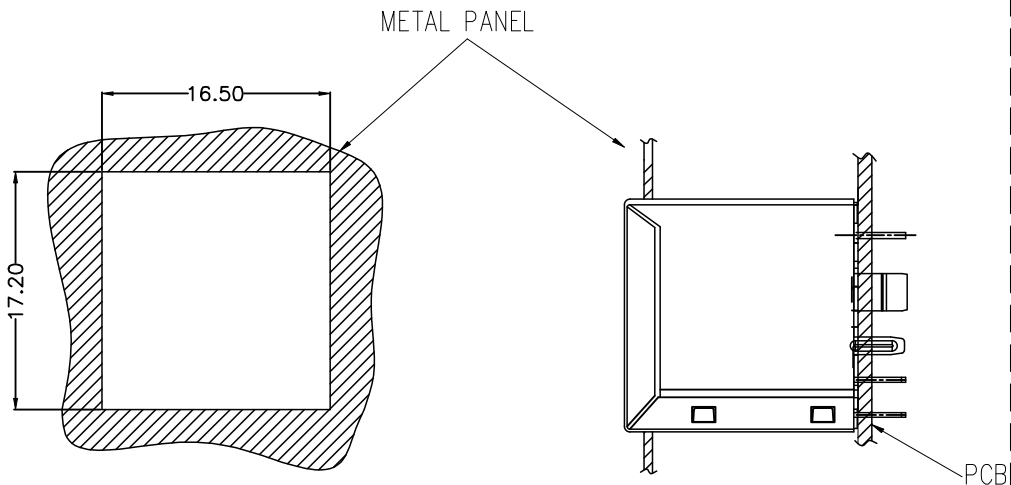
BOTTOM VIEW



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	180° TAB-UP 1X1 10/100BASE	REV.	A
30-150	±0.35	PART NO.	LAIL-RJ45-LED2-BY-02G-ZC	UNITS	mm
10-30	±0.2				
5-10	±0.15				
0-5	±0.1	DWG. NO.		Projection	⊕

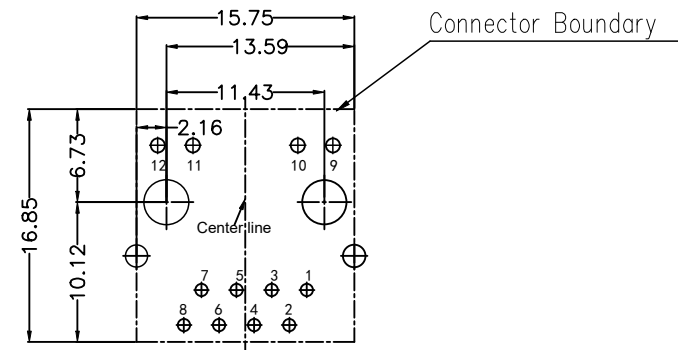
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Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

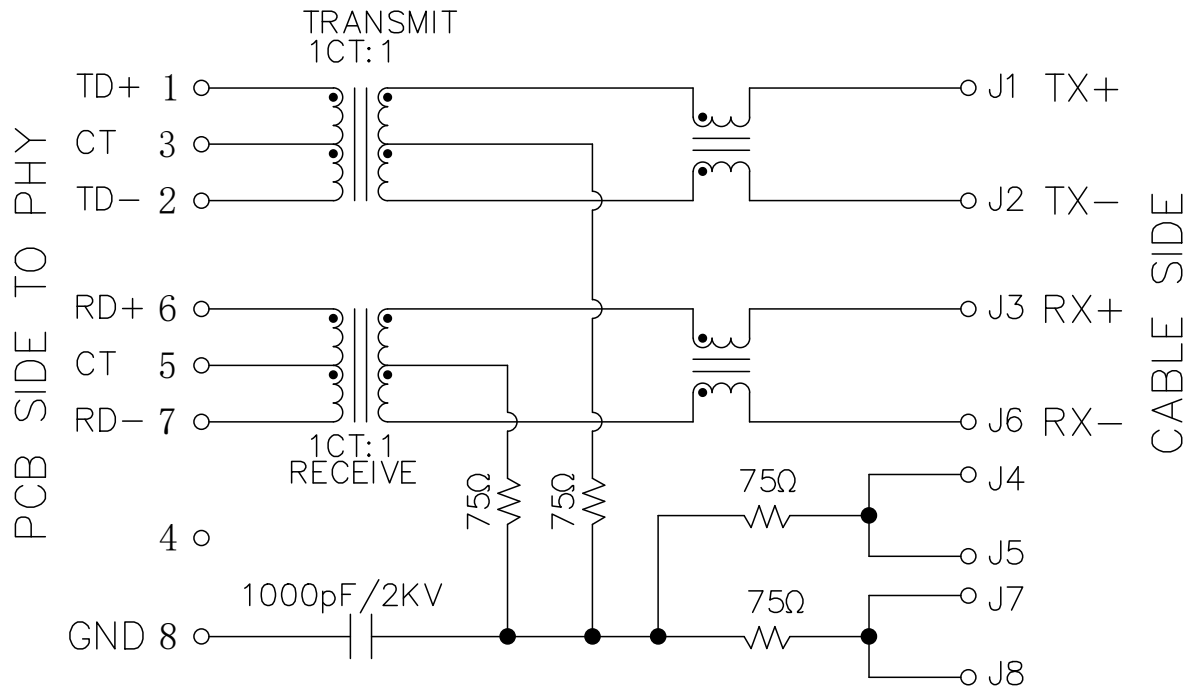
Keep-Out Area (Component Side View):



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

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DRAWING						
CHECKED						
APPROVED						
TOLERANCES ARE			TITLE	180° TAB-UP 1X1 10/100BASE	REV.	A
30-150	±0.35	ANGLE	PART NO.	LAIL-RJ45-LED2-BY-02G-ZC	UNITS	mm
10-30	±0.2		DWG. NO.		Projection 	
5-10	±0.15					
0-5	±0.1					
			±3°			

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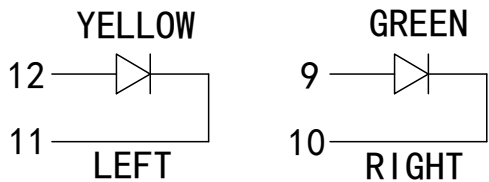


Electrical:

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

LED Specification

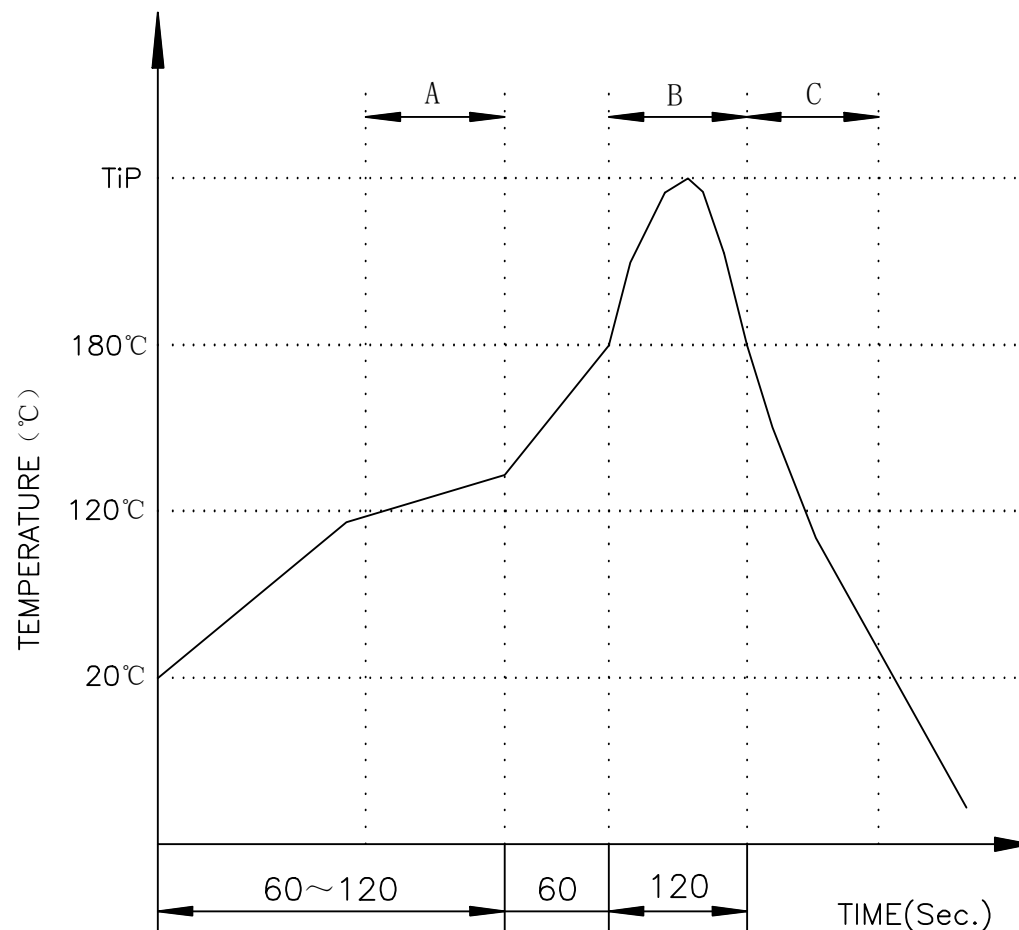
Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V



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0-5	±0.1				

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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.

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10-30	±0.2					
5-10	±0.15					
0-5	±0.1	±3°	DWG. NO.			Projection