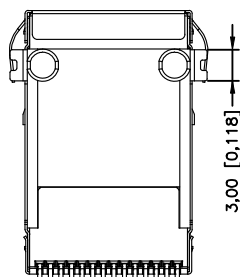
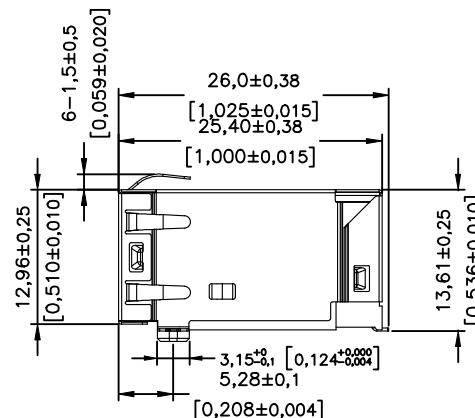
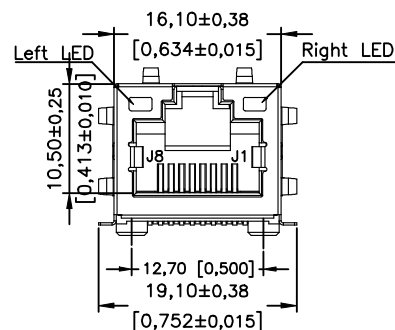
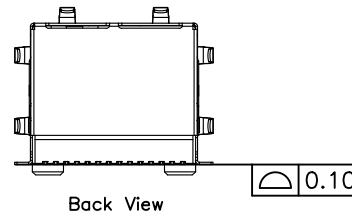
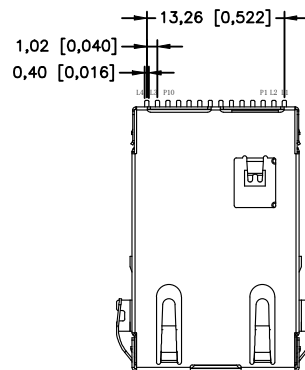


REV.	ECN NO.	DESCRIPTION	DRAW	DATE

SPECIFICATIONS :

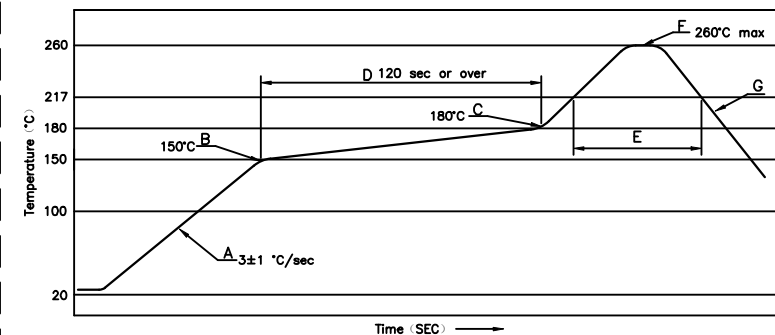
- MATERIAL
 - HOUSING : HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, LCP, BLACK
 - MODULE CASE : HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, BLACK
 - INSERT : HIGH TEMPERATURE THERMOPLASTIC, UL 94V-0, BLACK
 - RJ CONTACTS : PHOSPHOR BRONZE
PLATING : GOLD ON CONTACT AREA,
100U" MIN TIN PLATING ON SOLDER TAILS, 30U"MIN NICKEL OVERALL
 - SOLDER TAIL TERMINAL : BRASS,
PLATING : 100U" MIN MATTE TIN, 30U"MIN NICKEL OVERALL
 - SHIELD : COPPER ALLOY, NICKEL PLATED
- RJ45 SPECIFICATIONS
 - INSULATION RESISTANCE : 500 MOHMS MIN
 - INSERTION FORCE WITH THE LATCH DEPRESSED :22N MAX
 - REMOVAL FORCE WITH THE LATCH DEPRESSED :44N MAX
 - DURABILITY :750 CYCLES
- OPERATING AND STORAGE TEMPERATURE
 - OPERATING TEMPERATURE : 0°C TO +70°C
 - STORAGE TEMPERATURE : -40°C TO +85°C
- TEMPERATURE CONDITION OF REFLOW SOLDERING:



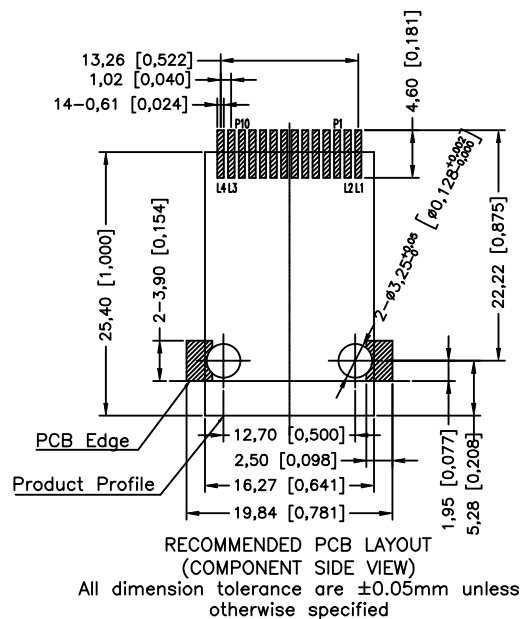
Contents	Soldering Condition
A: Increasing speed	3±1 °C/sec
B: Pre-heat starting speed	150°C
C: Pre-heat ending speed	180°C
D: Pre-heat interval	120 sec or over
E: Over 217°C time	60~150 sec
F: Peak Temperature(Tp)	260°C max
Time within 5°C of actual Peak Temp(Tp)	10 sec max
G: Ramp down rate	6°C/sec max

Note:

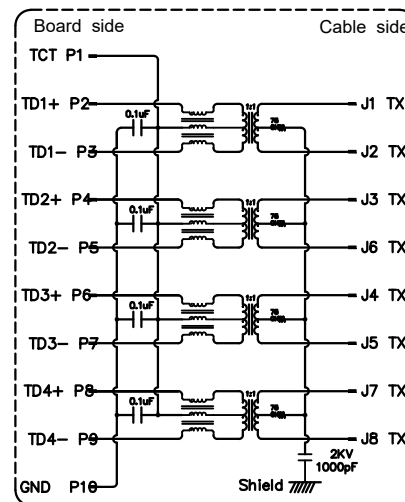
Type of lead-free solder should be 96.5Sn-3.0Ag-0.5Cu or 99.3Sn-0.7Cu.



CUSTOMER DRAWING		LAILIAN 深圳市莱联电子有限公司 SHENZHEN LAILIAN ELECTRONICS CO., LTD			
DRAWING		TITLE		REV.	A
CHECKED		PART NO.		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				

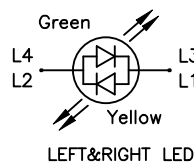
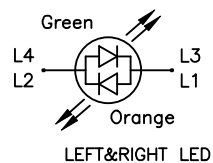
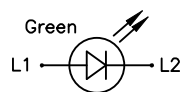
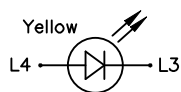


SCHEMATIC:

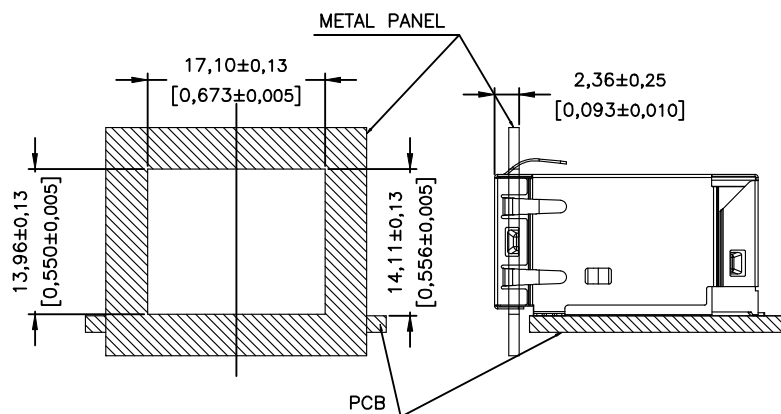


ELECTRICAL CHARACTERISTICS :

- INSERTION LOSS :
 - 1~100 MHz -1.0dB MAX.
- RETURN LOSS(LOAD 100 Ω) :
 - 1~40 MHz -18dB MIN
 - 40~100 MHz -12+20LOG(f/80MHz)dB MIN
- COMMON MODE REJECTION
 - 1~100 MHz -30dB MIN
- CROSS TALK
 - 1~100 MHz -30dB MIN
- INDUCTANCE @ 100KHz, 0.1V, 8mA DC BIAS
 - (P2-P3),(P4-P5),(P6-P7),(P8-P9) : 350 μH MIN
- HI-POT TEST
 - BOARD SIDE TO CABLE SIDE : 2250VDC 60S
- TURNS RATION 100KHz
 - (P2-P3) : (J1-J2) = 1:1 $\pm 3\%$
 - (P4-P5) : (J3-J6) = 1:1 $\pm 3\%$
 - (P6-P7) : (J4-J5) = 1:1 $\pm 3\%$
 - (P8-P9) : (J7-J8) = 1:1 $\pm 3\%$



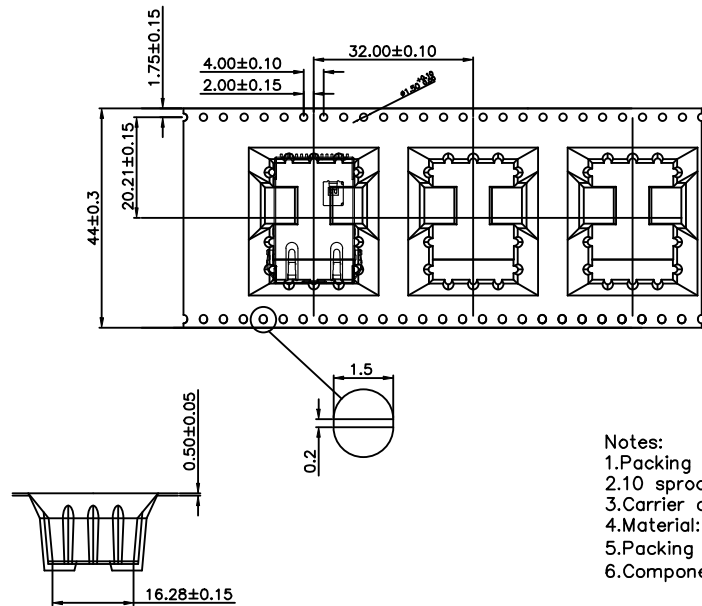
Emitting Color	λ_p (nm)	V_f @ $I_f=20\text{mA}$	I_r @ $V_r=5\text{V}$
Green	568	1.7V~2.6V	10 μA max.
Yellow	588	1.7V~2.6V	10 μA max.
Orange	610	1.8V~2.6V	10 μA max.



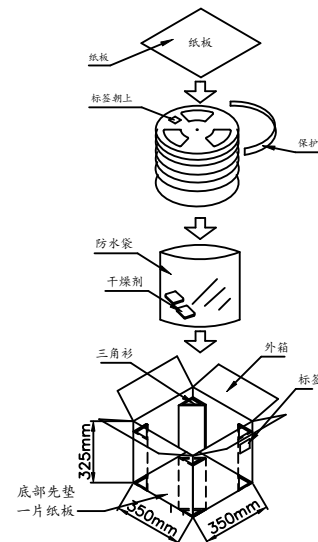
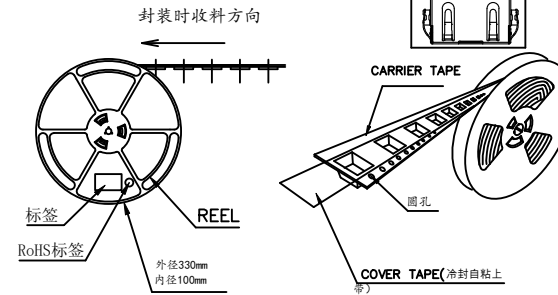
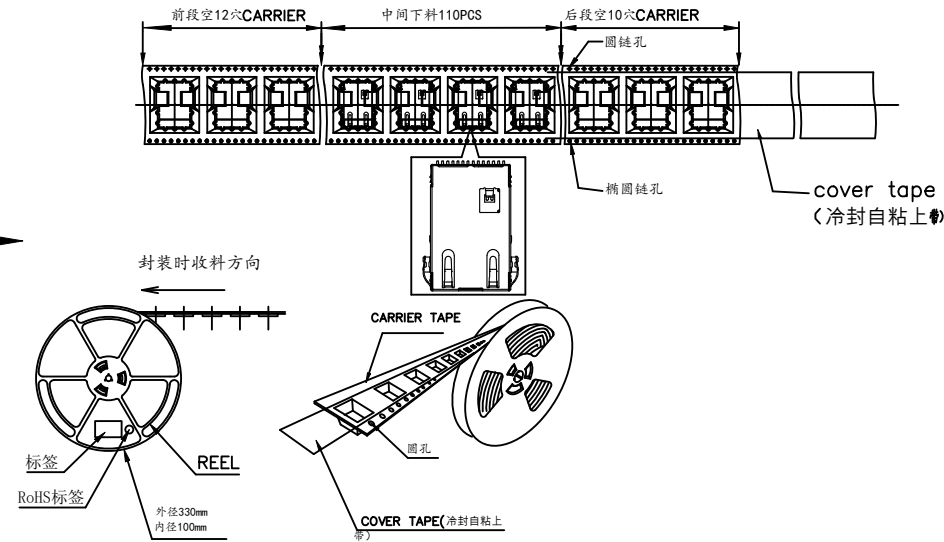
CUSTOMER DRAWING		LAILIAN 深圳市莱联电子有限公司 SHENZHEN LAILIAN ELECTRONICS CO., LTD			
DRAWING		TITLE RJ45 1CM, 1000BASE-T, W/LED, SMD REV. A			
CHECKED					
APPROVED					
TOLERANCES ARE		PART NO.	LAIL-RJ45-LED2-BY-01-WT	UNITS	mm
30-150	±0.35	DWG. NO.		Projection	
10-30	±0.2				
5-10	±0.15				
0-5	±0.1				
ANGLE ±3°					

ROHS

REV.	ECN NO.	DESCRIPTION	DRAW	DATE

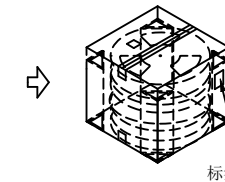
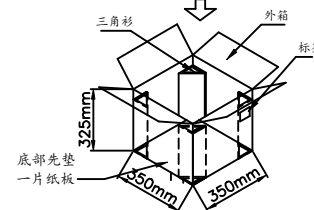


- Notes:
- 1.Packing conforms EIA-481-B standards.
 - 2.10 sprocket hole pitch cumulative.
 - 3.Carrier camber is within 1mm in 250mm.
 - 4.Material: PET.
 - 5.Packing length per 13" reel: 4.224 meters.
 - 6.Component load per 13" reel: 110 pcs.



- 封装规范:
1. 外箱底部先垫一片纸板
 2. 外箱四个内角各放置一个角杉
 3. 标签张贴于载带椭圆孔面, REEL标签一律朝上
 4. 把卷装好的产品平放防水袋, 并放入两袋干燥剂
 5. 将包装好的产品放进外箱
 6. 上层放一片纸板

包装数量	
PCS/REEL	PCS/外箱
110	660



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	RJ45 1CM, 1000BASE-T, W/LED, SMD	REV.	A
30-150	±0.35	PART NO.	LAIL-RJ45-LED2-BY-01-WT	UNITS	mm
10-30	±0.2				
5-10	±0.15				
0-5	±0.1	DWG. NO.		Projection	