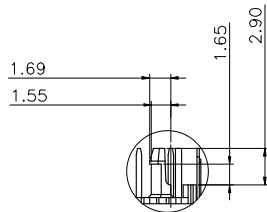
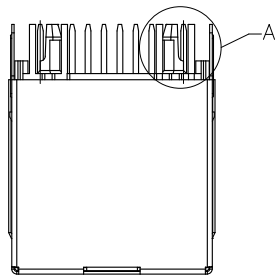
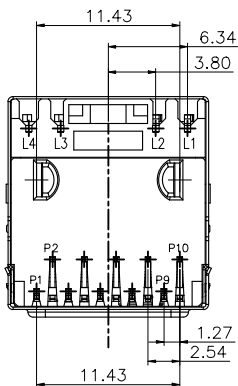
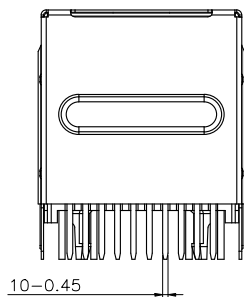
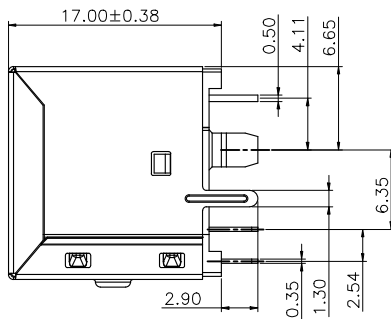
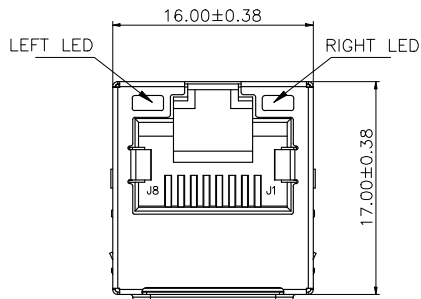


ROHS



DETAIL A
SCALE 1:1

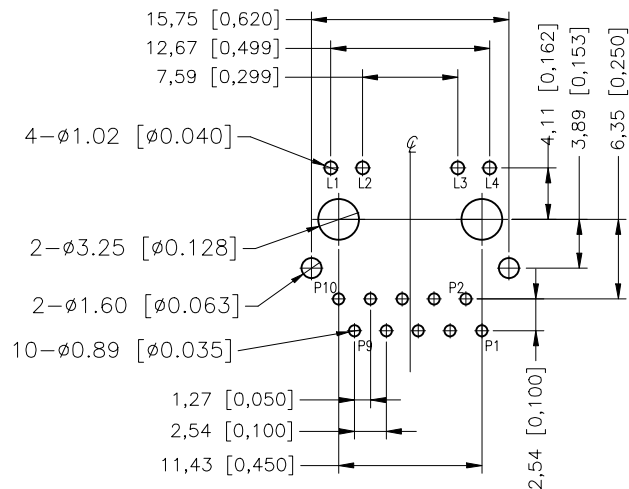


1. MATERIAL
 - HOUSING : THERMOPLASTIC, PA6T BLACK, UL 94V-0
 - SPACER : THERMOPLASTIC, LCP BLACK, UL 94V-0
 - RJ CONTACTS : PHOSPHOR BRONZE
 - PLATING : SELECT GOLD ON CONTACT AREA (SEE PART NO),
 - 100U" MIN TIN PLATING ON SOLDER TAILS, 30U"MIN NICKEL OVERALL
 - SOLDER TAIL TERMINAL : BRASS
 - PLATING : 100U"MIN TIN , 30U"MIN NICKEL OVERALL
 - SHIELD : STAINLESS, THICKNESS=0.2MM, 30U"MIN NICKEL OVERALL
2. 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
3. OPERATING AND STORAGE TEMPERATURE
 - OPERATING TEMPERATURE : 0°C TO +70°C
 - STORAGE TEMPERATURE : -40°C TO +85°C

4.TEMPERATURE CONDITION OF WAVE SOLDERING:265±3°/10±1S

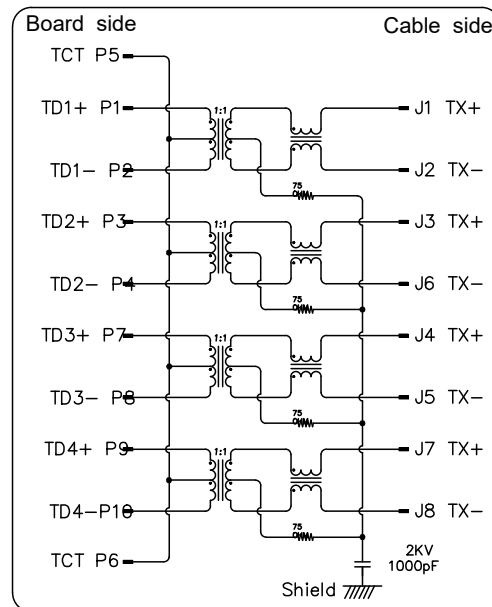
CUSTOMER DRAWING			LAILIAN 深圳市莱联电子有限公司			
DRAWING			SHENZHEN LAILIAN ELECTRONICS CO.,LTD			
CHECKED						
APPROVED						
TOLERANCES ARE			TITLE	RJ45 直立式带壳无弹左黄右绿	REV.	A
30-150	±0.35	ANGLE	PART NO.	LAIL-RJ45-LED2-BY-04-ZC	UNITS	mm
10-30	±0.2		DWG. NO.		Projection	
5-10	±0.15					
0-5	±0.1					

REV.	ECN NO.	DESCRIPTION	DRAW	DATE



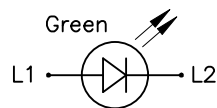
RECOMMENDED PCB LAYOUT
(COMPONENT SIDE VIEW)
TOLERANCE: ± 0.05 [0.002]

SCHEMATIC FOR RJ45:

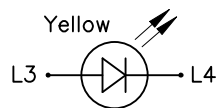


ELECTRICAL CHARACTERISTICS :

- INSERTION LOSS :
 - 1~100 MHz -1.0dB MAX.
- RETURN LOSS(LOAD 100Ω) :
 - 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
 - (P1-P2),(P3-P4),(P7-P8),(P9-P10) : 350 uH MIN
- HI-POT TEST
 - PCB SIDE TO CABLE SIDE : 1500VAC 60S OR 2250VDC 60S
- URNS RATION 100KHz
 - (P1-P2) : (J1-J2) = 1:1 $\pm 3\%$
 - (P3-P4) : (J3-J6) = 1:1 $\pm 3\%$
 - (P7-P8) : (J4-J5) = 1:1 $\pm 3\%$
 - (P9-P10) : (J7-J8) = 1:1 $\pm 3\%$



LEFT LED



RIGHT LED

Emitting Color	λ_p (nm)	V_f @ $I_f=20mA$	I_r @ $V_r=5V$
Green	568	1.7V~2.6V	10 μ A max.
Yellow	588	1.7V~2.6V	10 μ A max.

CUSTOMER DRAWING			SHENZHEN LAILIAN ELECTRONICS CO., LTD	
DRAWING			TITLE	RJ45 直立式带壳无弹左黄右绿
CHECKED			REV.	A
APPROVED			PART NO.	LAIL-RJ45-LED2-BY-04-ZC
TOLERANCES ARE			DWG. NO.	
30-150	± 0.35	ANGLE	Projection	
10-30	± 0.2			
5-10	± 0.15			
0-5	± 0.1			