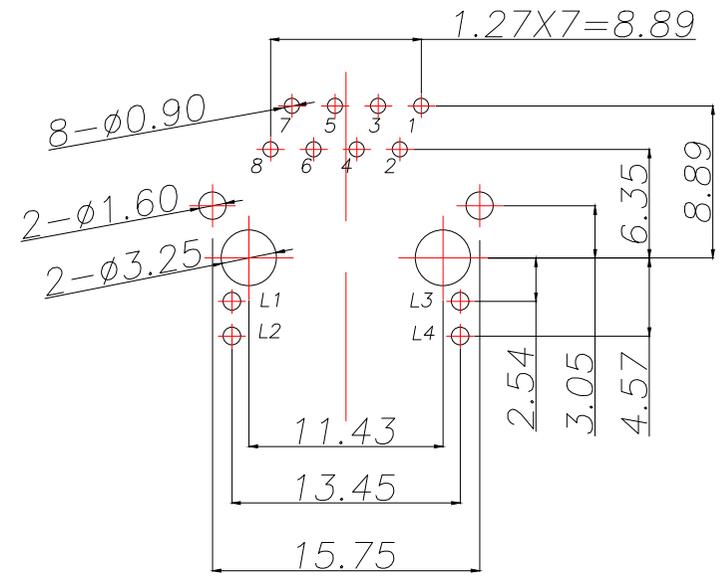
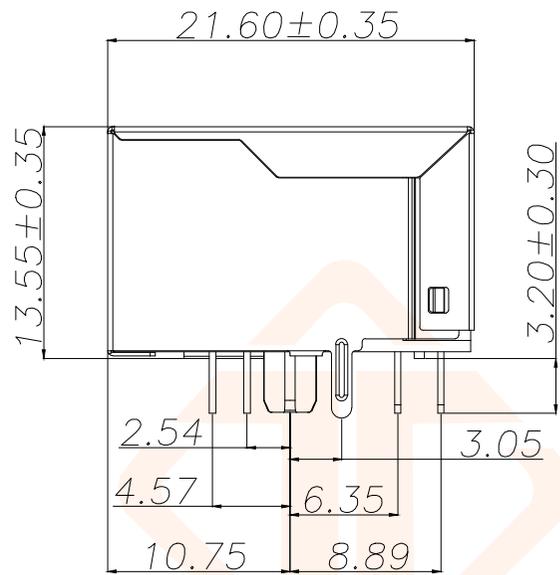
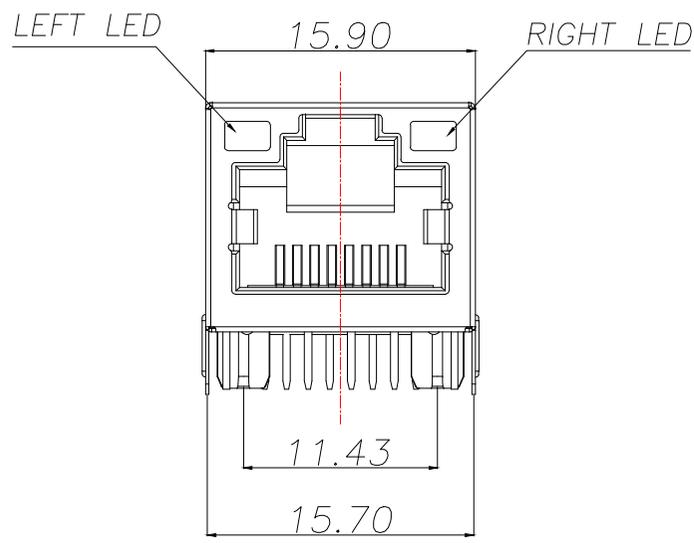




REV.	ECN NO.	DESCRIPTION	DATE	DESIGN



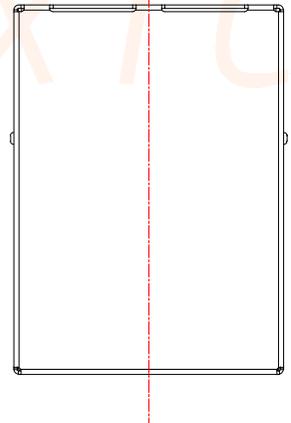
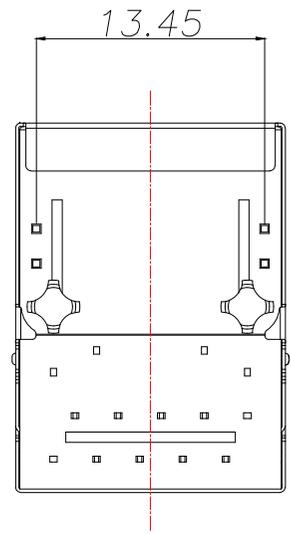
Recommended PCB Layout
(Tolerance:±0.05)

1. Material:

- 1.1 Housing: **PBT** UL94V-0 Black.
Insert: **PBT** UL94V-0 Black.
- 1.2 Shell: 30u" Ni Over Brass(C2680), T=0.20mm.
- 1.3 RJ45 Terminal: Phosphor Bronze(C5191) T=0.30mm
Plating: **30u"** Gold Plated On Contact Area,
80u" ~120u" Tin Plated On Solder Area,
50u" ~80u" Ni Underplated Overall.
- 1.4 Tail Terminal: Brass(C2680) T=0.35mm,
Plating: 80u" ~120u" Tin Plated Over,
30u" ~50u" Ni Underplated Overall.

2. Environmental requirements:

- 2.1 Lead-free process, compliant RoHS.



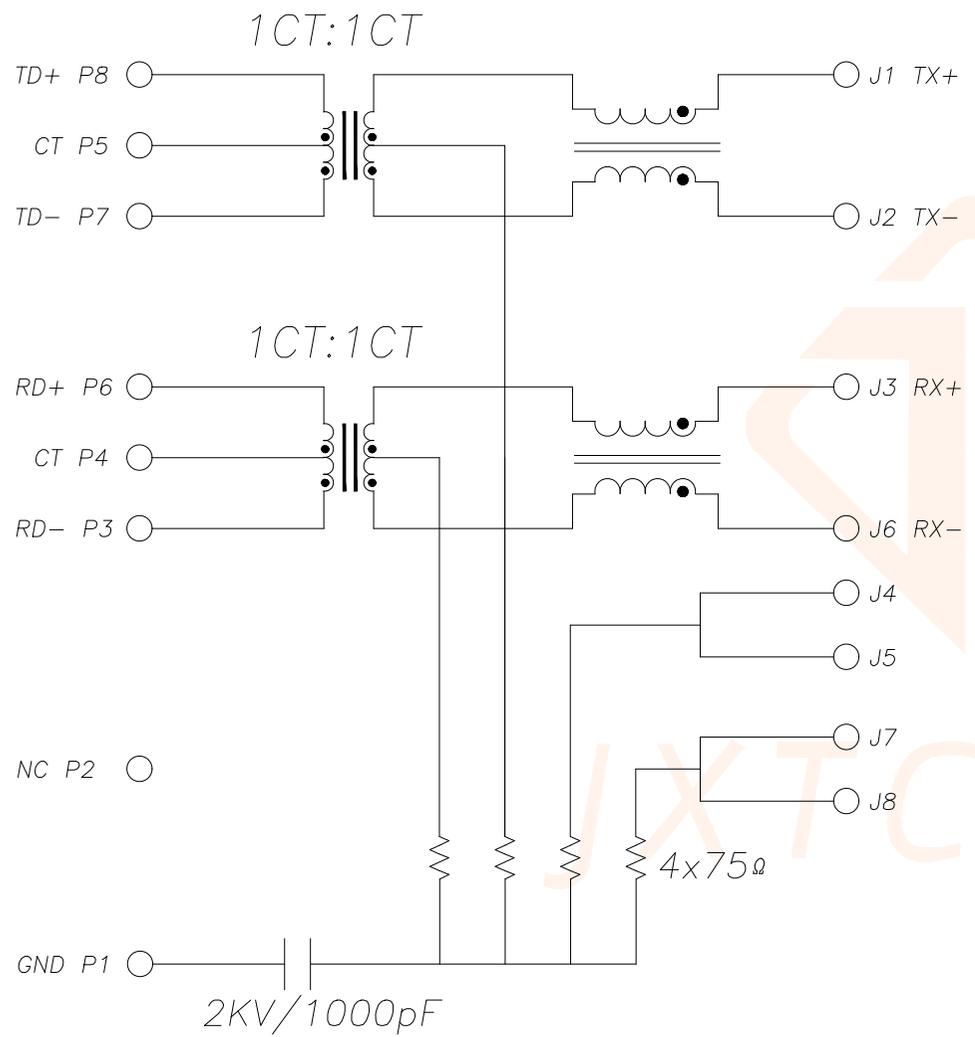
TOLERANCE		 深圳聚兴泰电子科技有限公司 Shenzhen Juxingtai Electronic Technology Co., Ltd		
X.:±0.35	X':±3'	PART NO. RJ45-6110-8P	TITLE: RJ45 TAB UP 无源左绿右黄 B3.05 100兆30u" PBT黑	
X.X:±0.25	X.X':±2'			
X.XX:±0.15	X.XX':±1'			
UNITS	mm	DESIGN: Ethan	MANUFACTURE DWG	
MATERILA	---	CHED: Olvia	SCALE N:A	SHEET 1/1
FINISH	---	APPD: Ava		



REV.	ECN NO.	DESCRIPTION	DATE	DESIGN

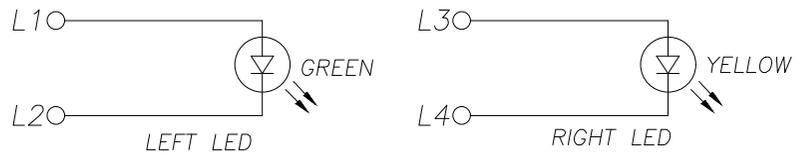
PCB CONNECTIONS

RJ45 CONNECTIONS



Emitting Color	λ_p (nm)	$V_f@I_f=20mA$
Green	565	1.8-2.5V
YELLOW	585	1.8-2.5V

3. Electrical Specification @25°C:
- 3.1 Inductance: 350uH Min With 8mA DC bias.
 - 3.2 Insertion loss :
 - 1-100MHZ -1dB max.
 - 3.3 Return loss :
 - 1-30MHZ -18dB min.
 - 30-60MHZ -16dB min.
 - 60-80MHZ -12dB min.
 - 3.4 Common Mode Rejection: 1-100MHZ-30dB min.
 - 3.5 Cross Talk: 1-100MHZ -30dB min.
4. Operating and Storage Temperature:
- 4.1 Operating Temperature : -40°C to +85°C.
 - 4.2 Storage Temperature : -40°C to +85°C.
5. Wave soldering peak temperature: 260°C.



TOLERANCE		深圳聚兴泰电子科技有限公司 Shenzhen Juxingtai Electronic Technology Co., Ltd		
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