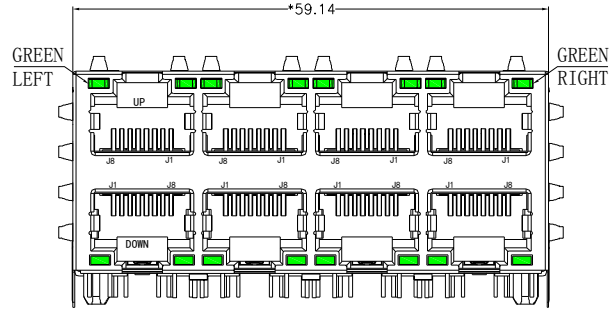
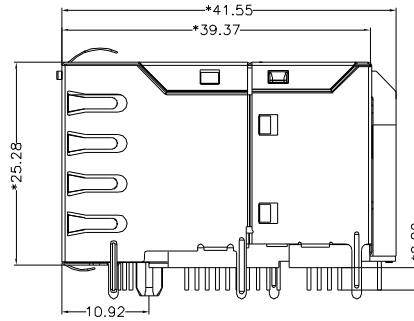


REACH & RoHS
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2018.03.13



FRONT VIEW



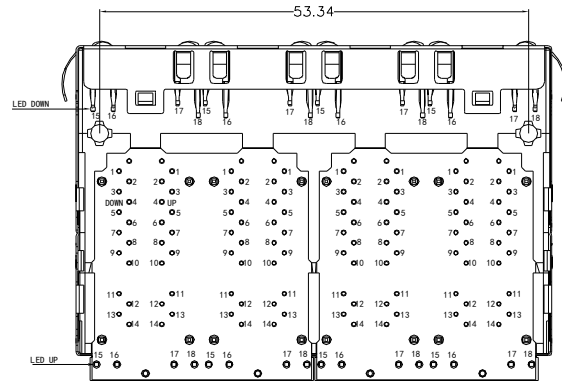
RIGHT SIDE VIEW

MATERIAL:

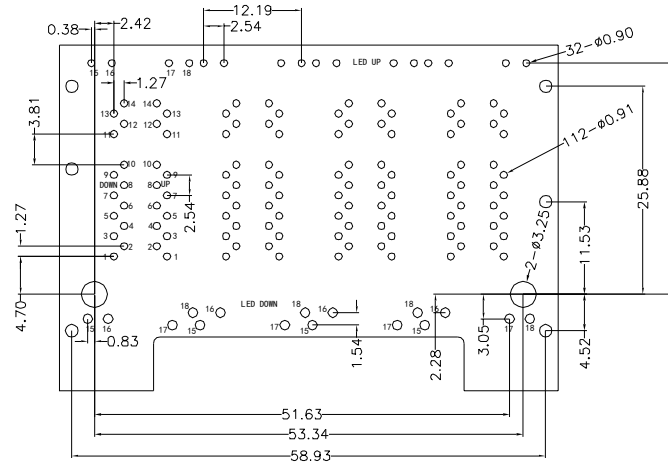
HOUSING: LCP,UL94V-0,BLACK.
 TERMINALS BRACKET: LCP,UL94V-0,BLACK.
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
 TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
 30U" GOLD PLATING ON CONTACT AREA.

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 "*"



BOTTOM VIEW



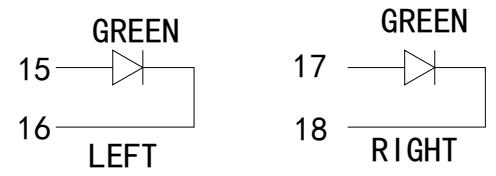
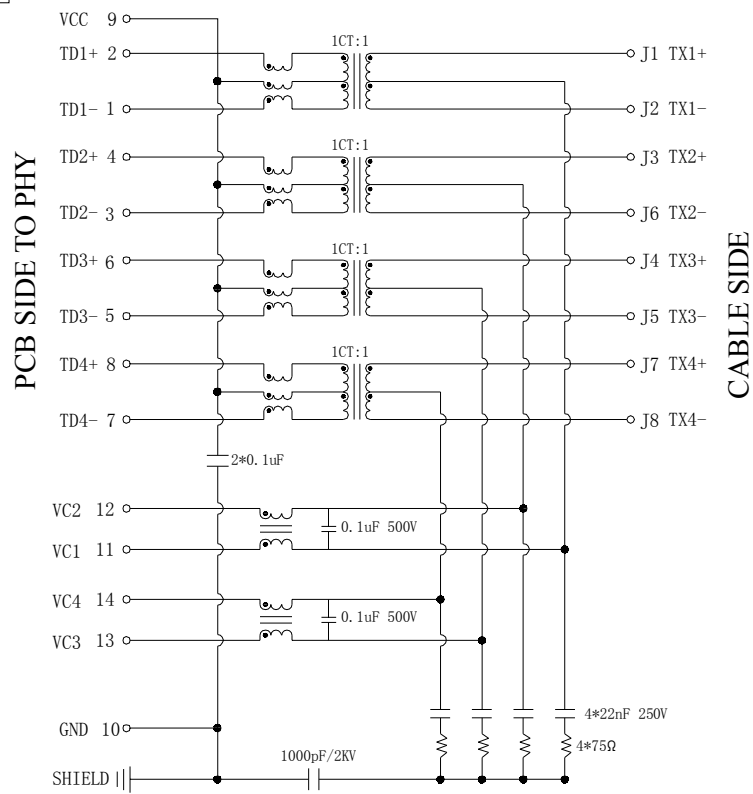
RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

TITLE: RJ45 2X4 2.5G POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
PART NO.: SYT24Q365DB3A10DPB2057	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: TW.Xu
REMARK:	SHEET 1/3		.x±0.30	.x°±2.0°	DESIGND BY: ZG.Hu
			.xx±0.25	.xx°±1.5°	
			.xxx±0.10	.xxx°±1.0°	

WOHU 苏州沃虎电子科技有限公司
Su Zhou Wo Hu Electronic Tech.Co.,Ltd.

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Electrical:

- Turn Ratio: 2~1: J1~J2=1CT:1CT(±2%).
4~3: J3~J6=1CT:1CT(±2%).
6~5: J4~J5=1CT:1CT(±2%).
8~7: J7~J8=1CT:1CT(±2%).
- OCL: 180uH Min. @ 100KHz 0.1V.
- Insertion Loss: -1.0 dB Max 1~125MHz.
- Return loss: -20dB Min 1 ~ 40MHz;
-20+15LOG₁₀(f/40MHz) Min 40~200MHz.
- Cross talk: -30dB Min 1~125MHz.
- CMR: -30dB Min 30~200MHz;
- Hi-Pot: 1500 VRMS Min at 60 seconds
- Single port magnetic jack POE magnetics acc.
To IEEE802.3af for PSE or PD applications.
- 100% of production tested to comply with IEEE 802.3 isolation requirements balanced DC line current 350mA max. 57V DC continuous.

LED Specification

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

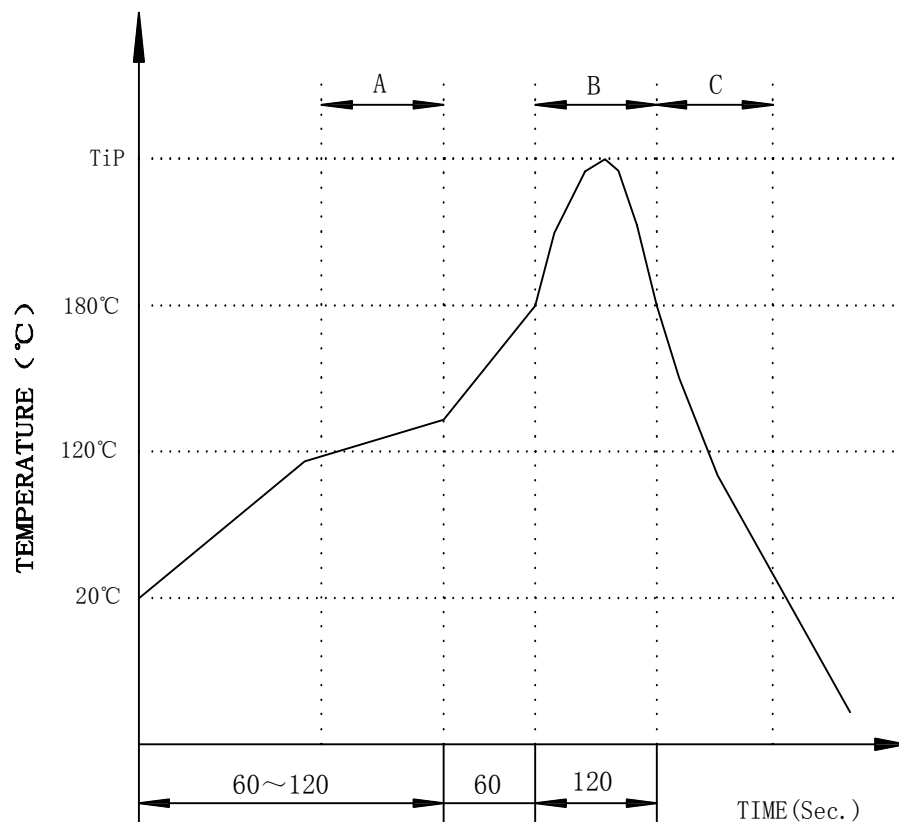


TITLE: RJ45 2X4 2.5G POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
PART NO.: SYT24Q365DB3A10DPB2057	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: TW.Xu
REMARK:	SHEET 2/3		.xx±0.25	.xx°±1.5°	DESIGND BY: ZG.Hu
			.xxx±0.10	.xxx°±1.0°	

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PROFILE OF WAVE SOLDER

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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.

TITLE: RJ45 2X4 2.5G POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
PART NO.: SYT24Q365DB3A10DPB2057	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: TW.Xu
REMARK:	SHEET 3/3		.xx±0.25	.xx°±1.5°	DESIGND BY: ZG.Hu
			.xxx±0.10	.xxx°±1.0°	

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