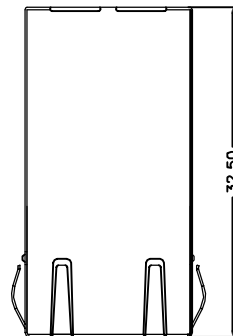
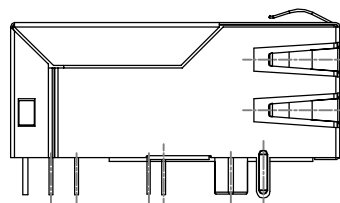


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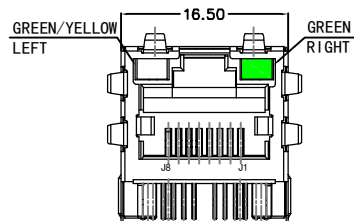
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2018.10.15



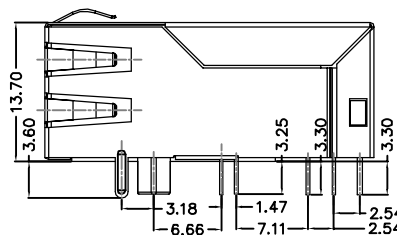
TOP VIEW



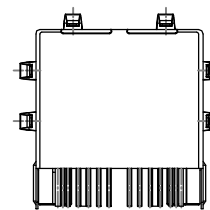
LEFT SIDE VIEW



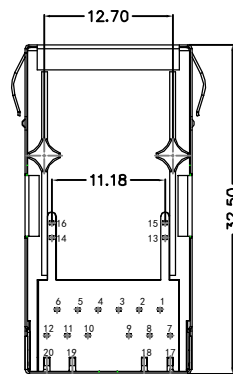
FRONT VIEW



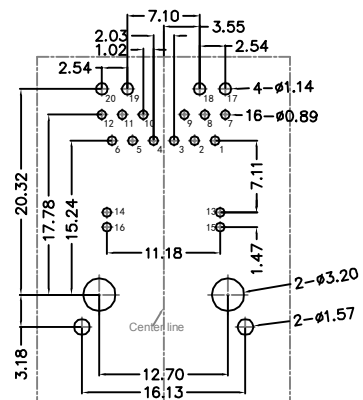
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW





RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE

**MATERIAL:**

HOUSING: PBT,UL94V-0,BLACK.  
TERMINALS BRACKET: PBT,UL94V-0,BLACK.  
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.  
TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,  
6U" GOLD PLATING ON CONTACT AREA.

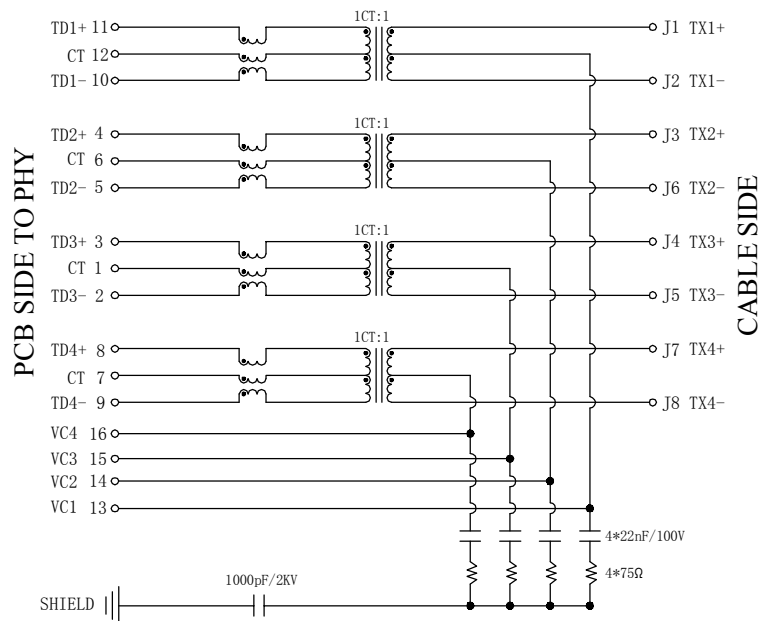
**MECHANICAL:**

DURABILITY: 750 CYCLES MIN.  
MATING FORCE: 23N MAX.  
OPERATING TEMPERATURE: -40°C~+85°C.  
STORAGE TEMPERATURE: -40°C~+85°C.  
ALL CRITICAL DIMENSIONS WITH "\*"

 <b>苏州沃虎电子科技有限公司</b> Su Zhou Wo Hu Electronic Tech.Co.,Ltd.	TITLE: TAB-UP 1000BASE POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
	PART NO.: SYT411Q199DJ3A1DP	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: TW.Xu
	REMARK:	SHEET 1/3		.xx±0.25	.xx°±1.5°	DESIGND BY: ZG.Hu
				.xxx±0.10	.xxx°±1.0°	

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REV.	ECN / DESCRIPTION	BY	DATE
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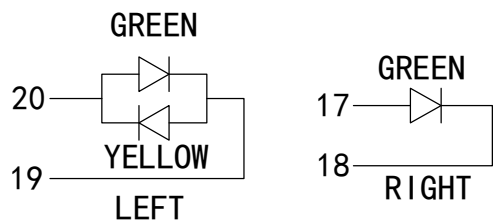



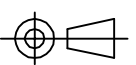
**Electrical:**

- Turn ratio: 1 1~10:J1~J2=1CT:1CT(±2%).  
4~5:J3~J6=1CT:1CT(±2%).  
3~2:J4~J5=1CT:1CT(±2%).  
8~9:J7~J8=1CT:1CT(±2%).
- OCL:350uH Min.@ 100KHz 100mV  
RMS(4Channel) 15mA DC BIAS.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -18dB Min 1~30MHz;  
-14dB Min 30~60MHz.  
-12dB Min 60~80MHz.  
-10dB Min 80~100MHz.
- Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
- CMR: -30B Min 1~100MHz;
- Hi-Pot:2250V DC 6S 1mA PRI TO SEC
- Single port magnetic jack POE magnetics acc.  
To IEEE802.3bt for PSE or PD applications.
- 100% of production tested to comply with  
IEEE 802.3 isolation requirements balanced DC  
line current 720mA max. 57V DC continuous.

**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

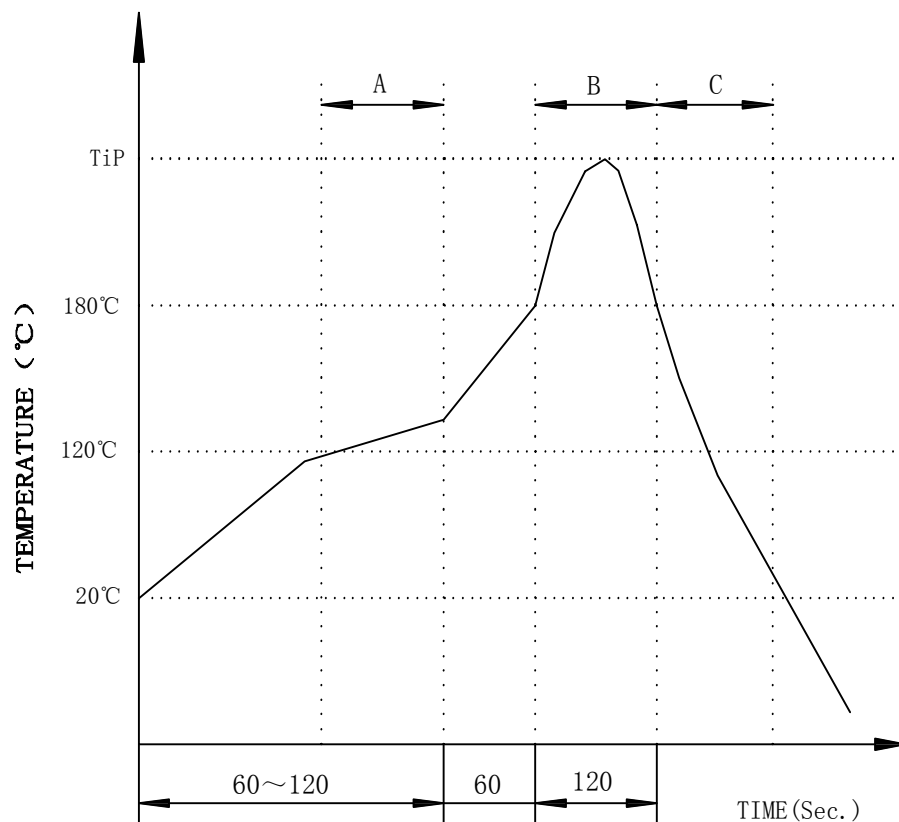


 <b>苏州沃虎电子科技有限公司</b> Su Zhou Wo Hu Electronic Tech.Co.,Ltd.	TITLE: TAB-UP 1000BASE POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
	PART NO.: SYT411Q199DJ3A1DP	SACLE 1:1	REV A0	x±0.35 .x±0.30	x°±3.0° .x°±2.0°	CHECKED BY: TW.Xu
	REMARK:	SHEET 2/3		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGND BY: ZG.Hu

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# PROFILE OF WAVE SOLDER

REV.	ECN / DESCRIPTION	BY	DATE
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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.

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

TITLE: TAB-UP 1000BASE POE+	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
PART NO.: SYT411Q199DJ3A1DP	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°	