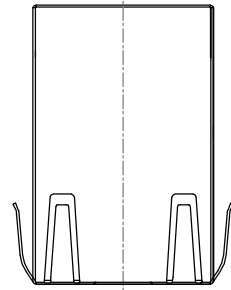
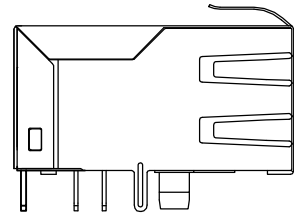


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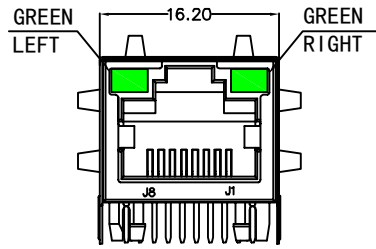
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2018.10.15



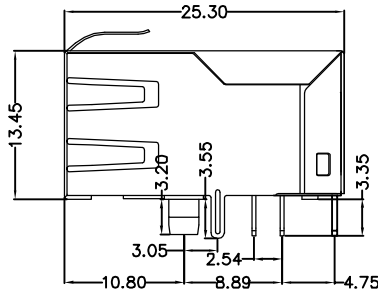
TOP VIEW



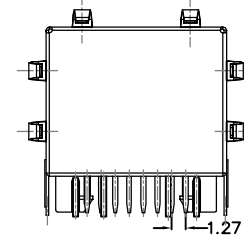
LEFT SIDE VIEW



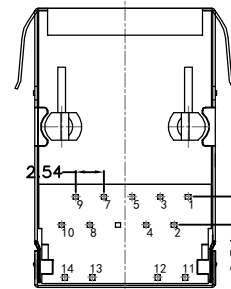
FRONT VIEW



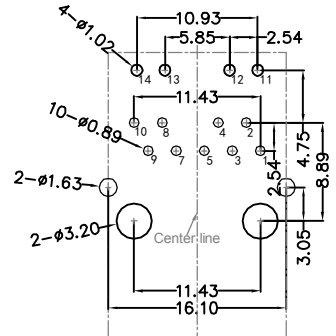
RIGHT SIDE VIEW



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:**

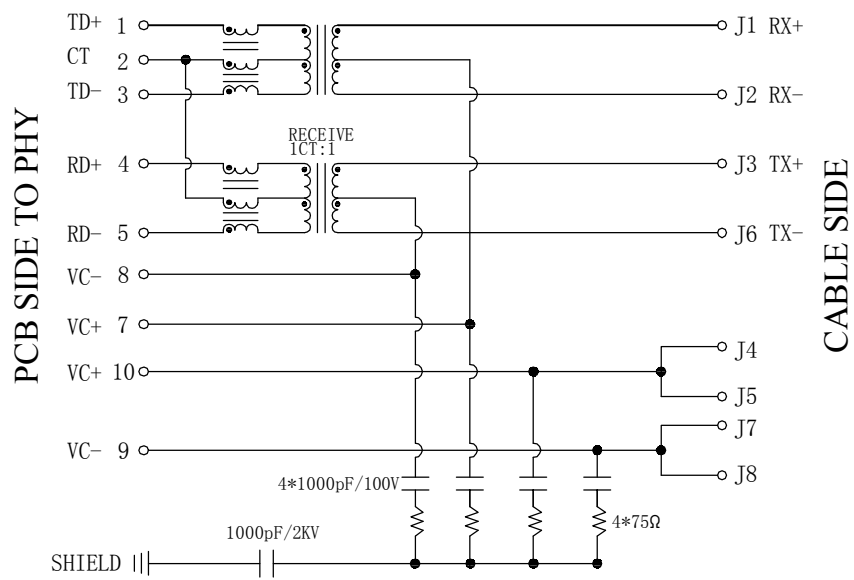
DURABILITY : 750 CYCLES MIN.  
 MATING FORCE : 23N MAX.  
 OPERATING TEMPERATURE: -40°C~+85°C.  
 STORAGE TEMPERATURE: -40°C~+85°C.  
 ALL CRITICAL DIMENSIONS WITH "\*"



TITLE: TAB-UP 1X1 100BASE POE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
PART NO.: SYT311B019DB3A4DPN无6脚	SCALE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: TW.XU
			.x±0.30	.x°±2.0°	
SHEET 1/3		.xx±0.25	.xx°±1.5°	DESIGND BY: ZG.Hu	
		.xxx±0.10	.xxx°±1.0°		

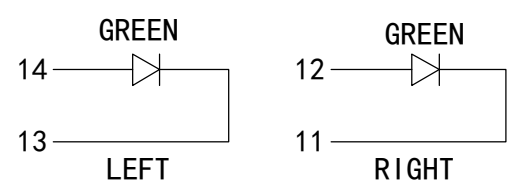
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REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2018.01.16



**Electrical:**

- Turn ratio: 1~3: J1~J2=1CT:1CT(±2%).  
4~5: J3~J6=1CT:1CT(±2%).
- OCL: 350uH Min. at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;  
-16dB Min 10~30MHz;  
-12dB Min 30~60MHz;  
-10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot: 1500V AC & 2250V DC 6S 1mA PRI TO SEC
- 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
Yellow	585nm	20mA	1.7-2.2V

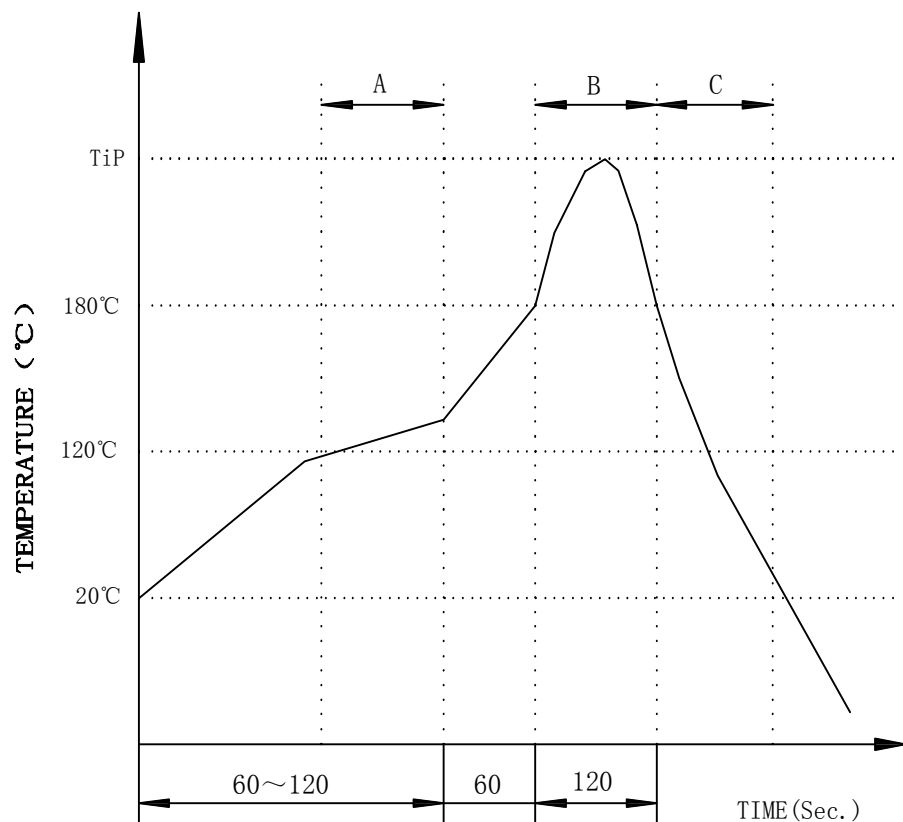


TITLE: TAB-UP 1X1 100BASE POE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
PART NO.: SYT311B019DB3A4DPN无6脚	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: TW.XU
	SHEET 2/3		.xx±0.25	.xx°±1.5°	DESIGND BY: ZG.HU
			.xxx±0.10	.xxx°±1.0°	

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# PROFILE OF WAVE SOLDER

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.Hu	2018.01.16



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 1X1 100BASE POE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
PART NO.: SYT311B019DB3A4DPN无6脚	SACLE 1:1	REV A0	x±0.35	x°±3.0°	CHECKED BY: TW.XU
	SHEET 3/3		.xx±0.25	.xx°±1.5°	DESIGND BY: ZG.HU
			.xxx±0.10	.xxx°±1.0°	