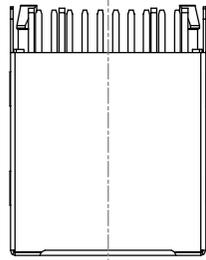
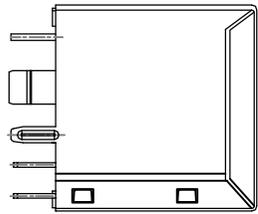


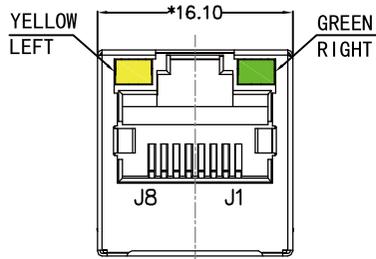
REACH & RoHS COMPLIANT



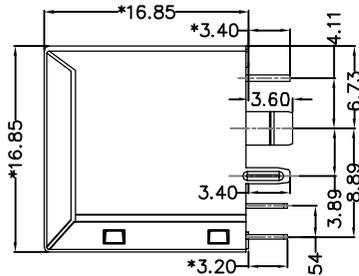
TOP VIEW



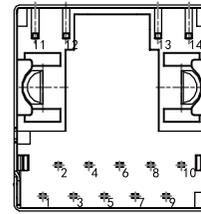
LEFT SIDE VIEW



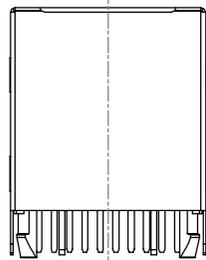
FRONT VIEW



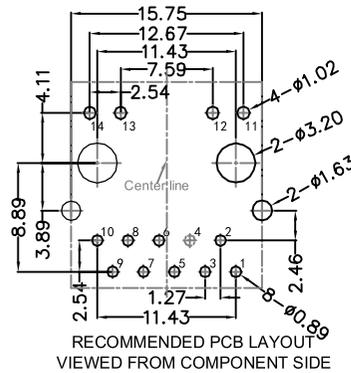
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



**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 "\*"

**VOOHU** 苏州沃虎电子科技有限公司  
 Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE:  
 180° TAB-UP 1X1 1000BASE

PART NO.:  
 SYT511Q070AB1A8D

REMARK:

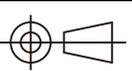
SIZE  
 A4

SACLE  
 1:1

SHEET  
 1/3

UNITS  
 MM[INCH]

REV  
 A0



GENERAL TOLERANCES  
 UNLESS SPECIFIED

x±0.35	x°±3.0°
.x±0.30	.x°±2.0°
.xx±0.25	.xx°±1.5°
.xxx±0.10	.xxx°±1.0°

APPROVED BY:  
 Geoffrey.Song

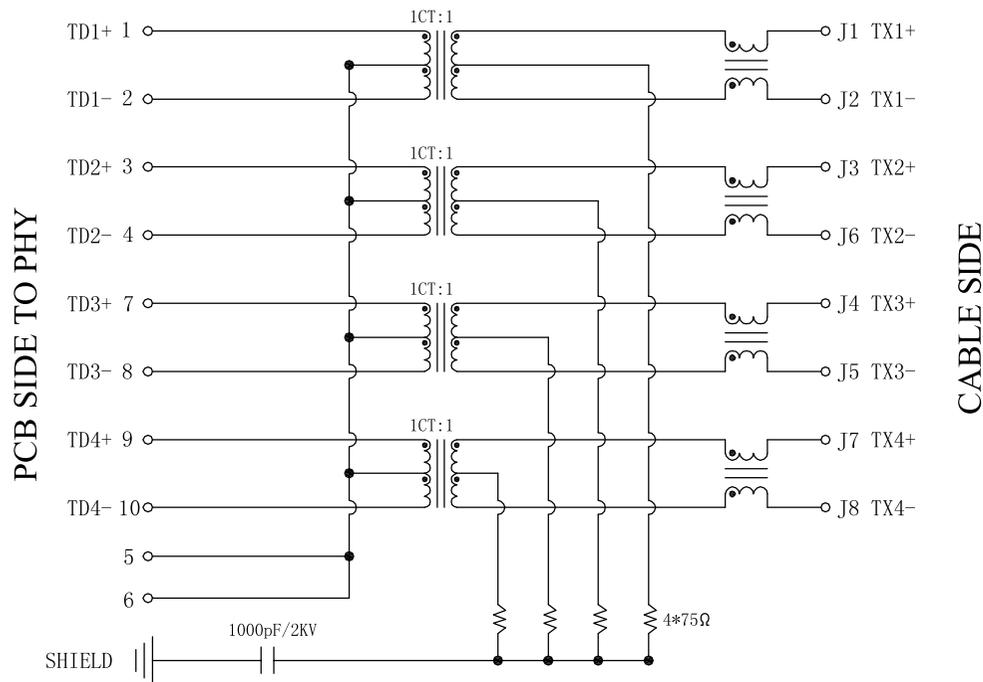
CHECKED BY:  
 Elvis.Song

DESIGND BY:  
 Sunny.Xu

TEL: +86 400 1048 018

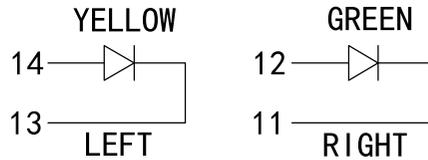
WEB: WWW.VOOHU.CN

REACH & RoHS COMPLIANT



**Electrical:**

1. Turn ratio: 1~2: J1~J2 = 1CT:1CT(±2%).  
3~4: J3~J6 = 1CT:1CT(±2%).  
7~8: J4~J5 = 1CT:1CT(±2%).  
9~10: J7~J8 = 1CT:1CT(±2%).
2. OCL: 350uH Min. at 100KHz 100mV 8mA DC.
3. Insertion Loss: -1.0 dB Max 1~100MHz.
4. Return loss: -18dB Min 1~30MHz;  
-14dB Min 30~60MHz.  
-12dB Min 60~80MHz.  
-10dB Min 80~100MHz.
5. Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
6. CMR: -30dB Min 1~100MHz;
7. Hi-Pot: 2250V DC 6S 1mA PRI TO SEC



**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

**VOOHU** 苏州沃虎电子科技有限公司  
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TITLE:  
180° TAB-UP 1X1 1000BASE

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
SYT511Q070AB1A8D

SACLE  
1:1

REV  
A0

x±0.35	x°±3.0°
.x±0.30	.x°±2.0°

CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

REMARK:

SHEET  
2/3

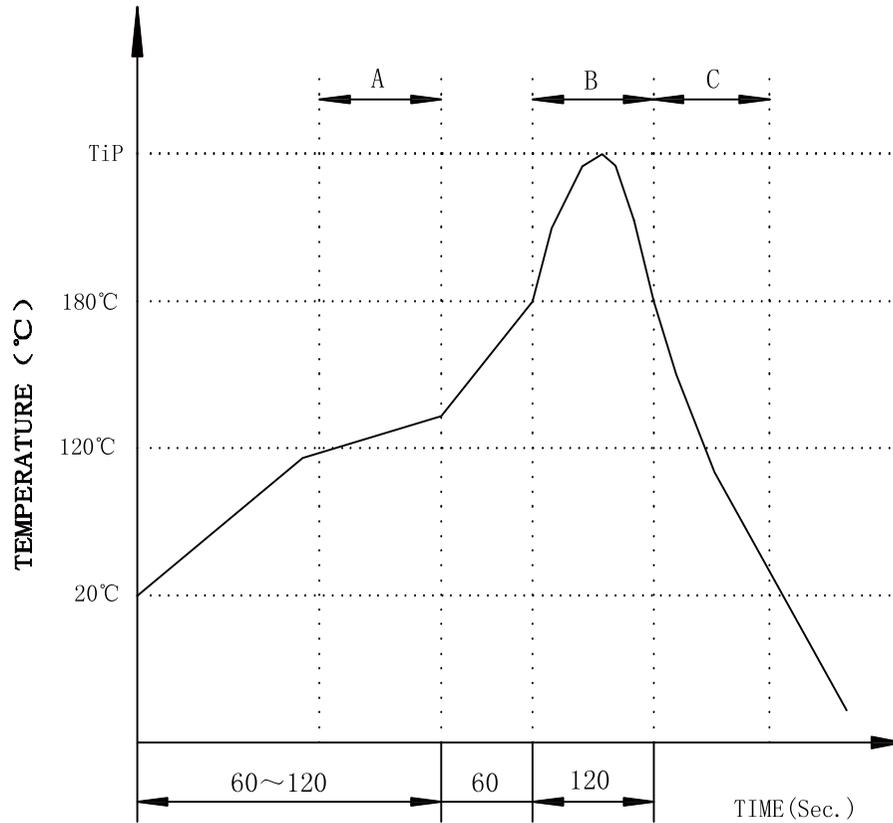


.xx±0.25	.xx°±1.5°
.xxx±0.10	.xxx°±1.0°

DESIGND BY:  
Sunny.Xu

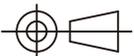
REACH & RoHS  
COMPLIANT

# PROFILE OF WAVE SOLDER



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.

 <b>苏州沃虎电子科技有限公司</b> Su Zhou Voohu Electronic Tech.Co.Ltd	<b>TITLE:</b> 180° TAB-UP 1X1 1000BASE	<b>SIZE</b> A4	<b>UNITS</b> MM[INCH]	<b>GENERAL TOLERANCES</b> UNLESS SPECIFIED		<b>APPROVED BY:</b> Geoffrey.Song
	<b>PART NO.:</b> SYT511Q070AB1A8D	<b>SACLE</b> 1:1	<b>REV</b> A0	.x±0.35 .x±0.30	.x°±3.0° .x°±2.0°	<b>CHECKED BY:</b> Elvis.Song
	<b>REMARK:</b>	<b>SHEET</b> 3/3		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	<b>DESIGND BY:</b> Sunny.Xu

TEL: +86 400 1048 018

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