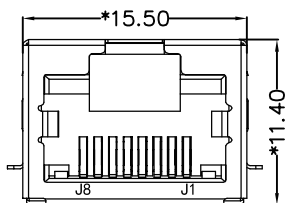
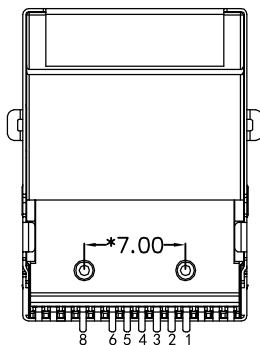


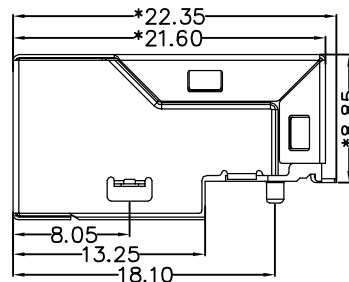
REACH & RoHS  
COMPLIANT



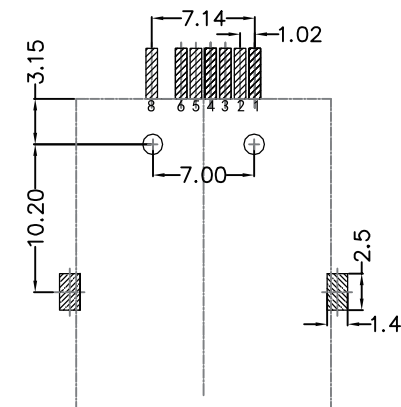
FRONT VIEW



BOTTOM VIEW



RIGHT SIDE VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE

**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 C5191,T=0.35MM,  
6U" GOLD PLATING ON CONTACT AREA.

**MECHANICAL:**

DURABILITY: 750 CYCLES MIN.

MATING FORCE: 23N MAX.

OPERATING TEMPERATURE: 0°C~+70°C.

STORAGE TEMPERATURE: -40°C~+85°C.

ALL CRITICAL DIMENSIONS WITH "mm"

**VOOHU** 苏州沃虎电子科技有限公司  
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**TITLE:**

TAB-UP 沉板 100BASE

**PART NO.:**

SYT211B083GWA7CBS057

**REMARK:**

SIZE  
A4

SACLE  
1:1

SHEET  
1/3

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

$x \pm 0.35$   
 $.x \pm 0.30$   
 $.xx \pm 0.25$   
 $.xxx \pm 0.10$

$x^\circ \pm 3.0^\circ$   
 $.x^\circ \pm 2.0^\circ$   
 $.xx^\circ \pm 1.5^\circ$   
 $.xxx^\circ \pm 1.0^\circ$

**APPROVED BY:**

Geoffrey.Song

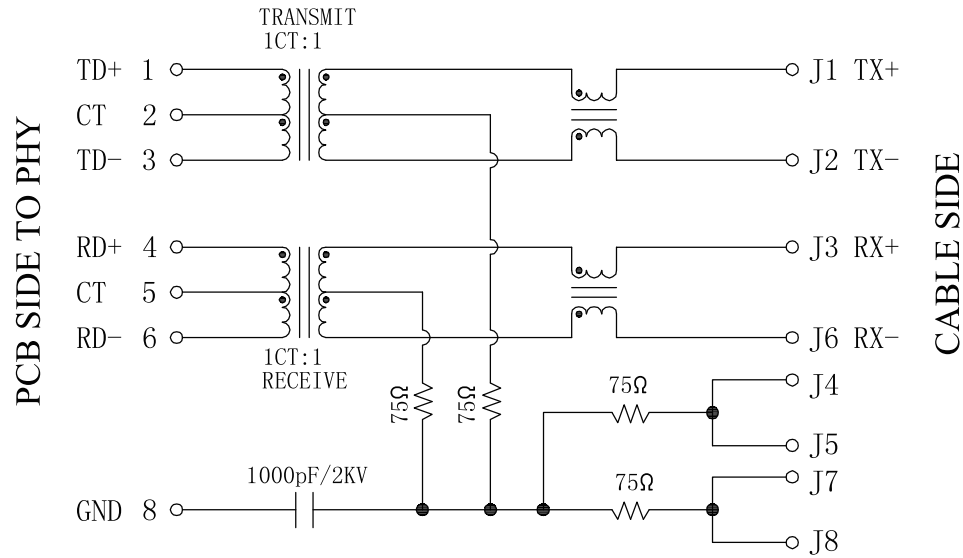
**CHECKED BY:**

Elvis.Song

**DESIGN BY:**

Sunny.Xu

REACH & RoHS  
COMPLIANT



### Electrical:

- Turn ratio: 1~3: J1~J2=1CT:1CT( $\pm 2\%$ ).  
4~6: J3~J6=1CT:1CT( $\pm 2\%$ ).
- 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

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TITLE:  
TAB-UP 沉板 100BASE

PART NO.:  
SYT211B083GWA7CBS057

REMARK:

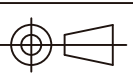
SIZE  
A4

SACLE  
1:1

SHEET  
2/3

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

|                 |                                 |
|-----------------|---------------------------------|
| x $\pm 0.35$    | x $^{\circ} \pm 3.0^{\circ}$    |
| .x $\pm 0.30$   | .x $^{\circ} \pm 2.0^{\circ}$   |
| .xx $\pm 0.25$  | .xx $^{\circ} \pm 1.5^{\circ}$  |
| .xxx $\pm 0.10$ | .xxx $^{\circ} \pm 1.0^{\circ}$ |

APPROVED BY:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

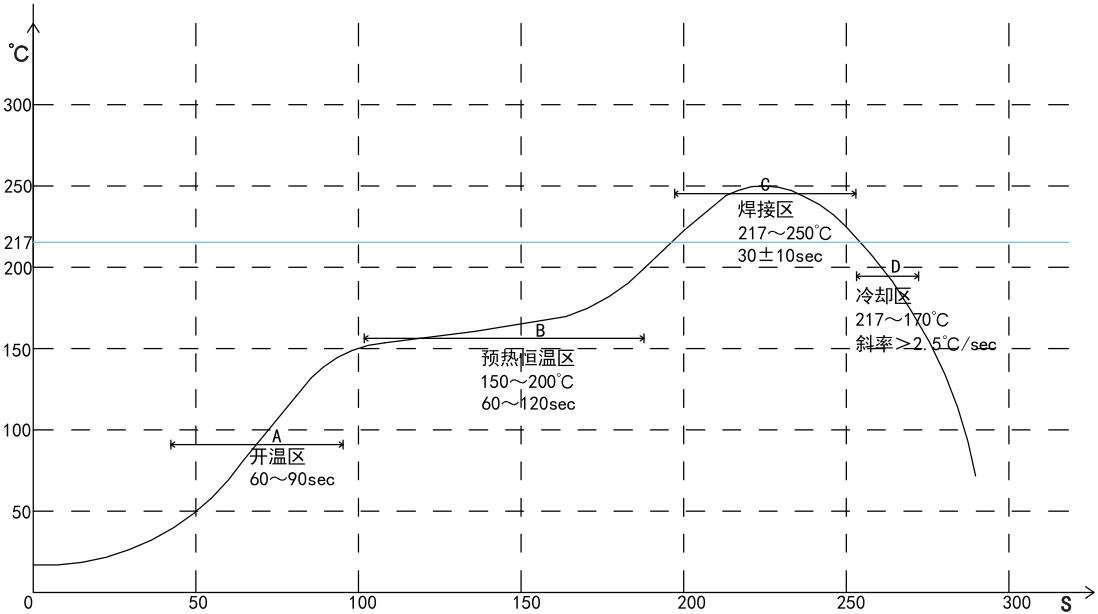
DESIGND BY:  
Sunny.Xu

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REACH & RoHS  
COMPLIANT

PROFILE OF REFLOW SOLDERING



- A. Temperature range of open
- B. Preheat temperature zone
- C. The welding zone
- D. The cooling zone
- Tip temperature:  $265 \pm 5^{\circ}\text{C}$ .
- Tip temperature time:  $30 \pm 10\text{Sec}$ .
- Tip melting point of Sn96.5/Ag3/Cu0.5.

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|                                   |              |                   |  |                                |                               |
|-----------------------------------|--------------|-------------------|--|--------------------------------|-------------------------------|
| TITLE:<br>TAB-UP 沉板 100BASE       | SIZE<br>A4   | UNITS<br>MM[INCH] | GENERAL TOLERANCES<br>UNLESS SPECIFIED |                                | APPROVED BY:<br>Geoffrey.Song |
|                                   |              |                   |  |                                |                               |
| PART NO.:<br>SYT211B083GWA7CBS057 | SACLE<br>1:1 | REV<br>A0         | $x \pm 0.35$                           | $x^{\circ} \pm 3.0^{\circ}$    | CHECKED BY:<br>Elvis.Song     |
|                                   |              |                   | $.x \pm 0.30$                          | $.x^{\circ} \pm 2.0^{\circ}$   |                               |
| REMARK:                           | SHEET<br>3/3 |                   | $.xx \pm 0.25$                         | $.xx^{\circ} \pm 1.5^{\circ}$  | DESIGND BY:<br>Sunny.Xu       |
|                                   |              |                   | $.xxx \pm 0.10$                        | $.xxx^{\circ} \pm 1.0^{\circ}$ |                               |