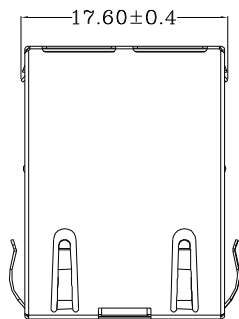
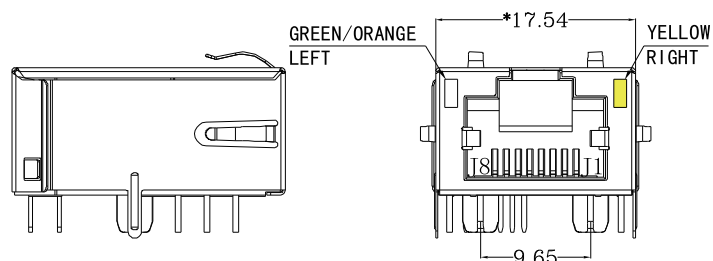


REACH & RoHS  
COMPLIANT

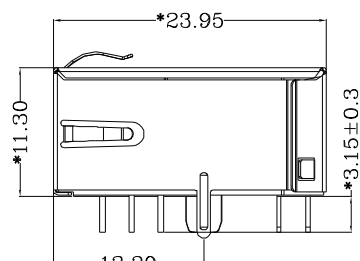


TOP VIEW

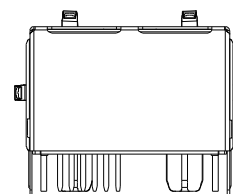


LEFT SIDE VIEW

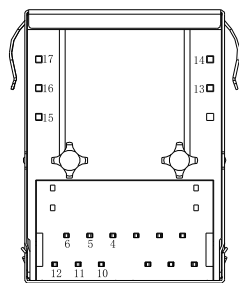
FRONT VIEW



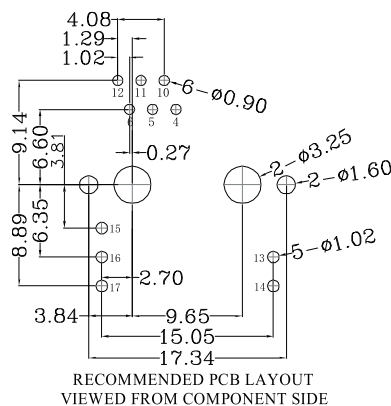
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



**MATERIAL:**

HOUSING: LCP,UL94V-0,BLACK.  
TERMINALS BRACKET: LCP,UL94V-0,BLACK.  
SHIELD: BRASS,T=0.20MM,NICKEL PLATING ON ALL AREA.  
TERMINAL: PHOSPHOR BRONZE,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 "\*"

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

TITLE:  
TAB-UP 1X1 100BASE

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
SYT811B198FN4A10DQB

SCALE  
1:1

REV  
A0

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

CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

REMARK:

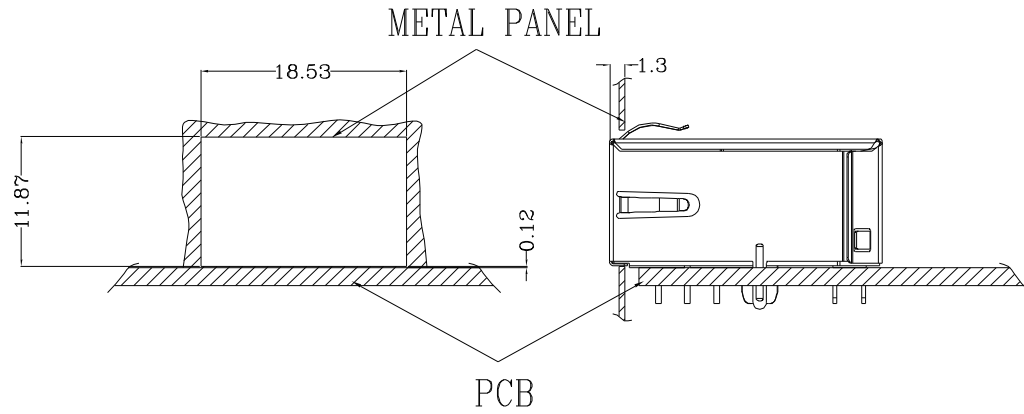
SHEET  
1/4



DESIGNED BY:  
Sunny.Xu

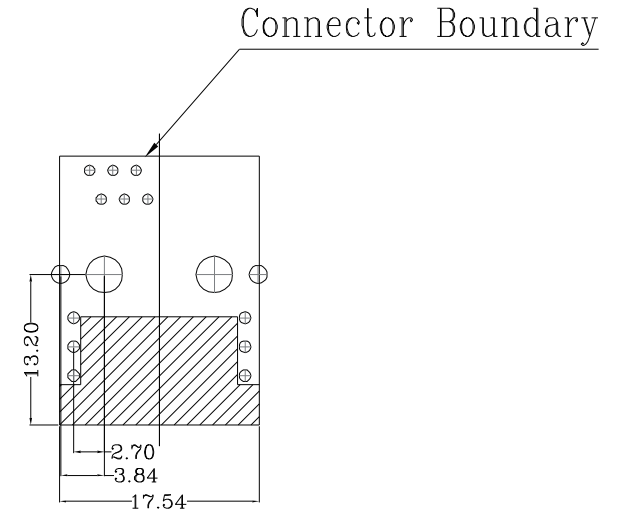
REACH & RoHS  
COMPLIANT

Suggested Panel Opening:



UNIT: mm / inch  
Tolerances:  $\pm 0.10$  / 0.004

Keep-Out Area (Component Side View):



Plug In Side

UNIT: mm / inch  
Tolerances:  $\pm 0.10$  / 0.004

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UNLESS SPECIFIED

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PART NO.:  
SYT811B198FN4A10DQB

SCALE  
1:1

REV  
A0

$x \pm 0.35$	$x^\circ \pm 3.0^\circ$
$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$

CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

REMARK:

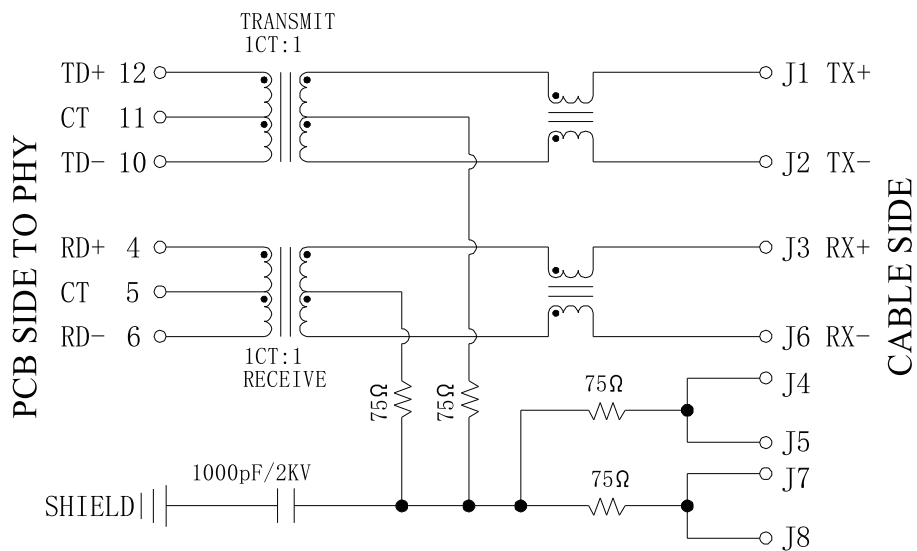
SHEET  
2/4



$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$
$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$

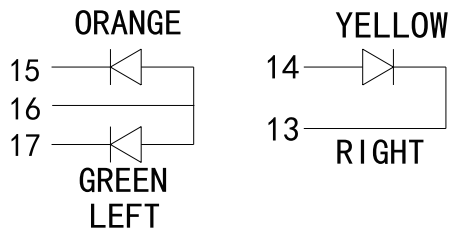
DESIGNED BY:  
Sunny.Xu

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COMPLIANT



**Electrical:**

- Turn ratio: 12~10: J1~J2=1CT:1CT(±2%).  
4~6: 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



**LED Specification**

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.8-2.4V
Yellow	590nm	20mA	1.8-2.4V
Orange	605nm	20mA	1.8-2.4V

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GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
SYT811B198FN4A10DQB

SCALE  
1:1  
REV  
A0

$x \pm 0.35$      $x^\circ \pm 3.0^\circ$   
 $.x \pm 0.30$      $.x^\circ \pm 2.0^\circ$

CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

WEB: WWW.VOOHU.CN

REMARK:

SHEET  
3/4

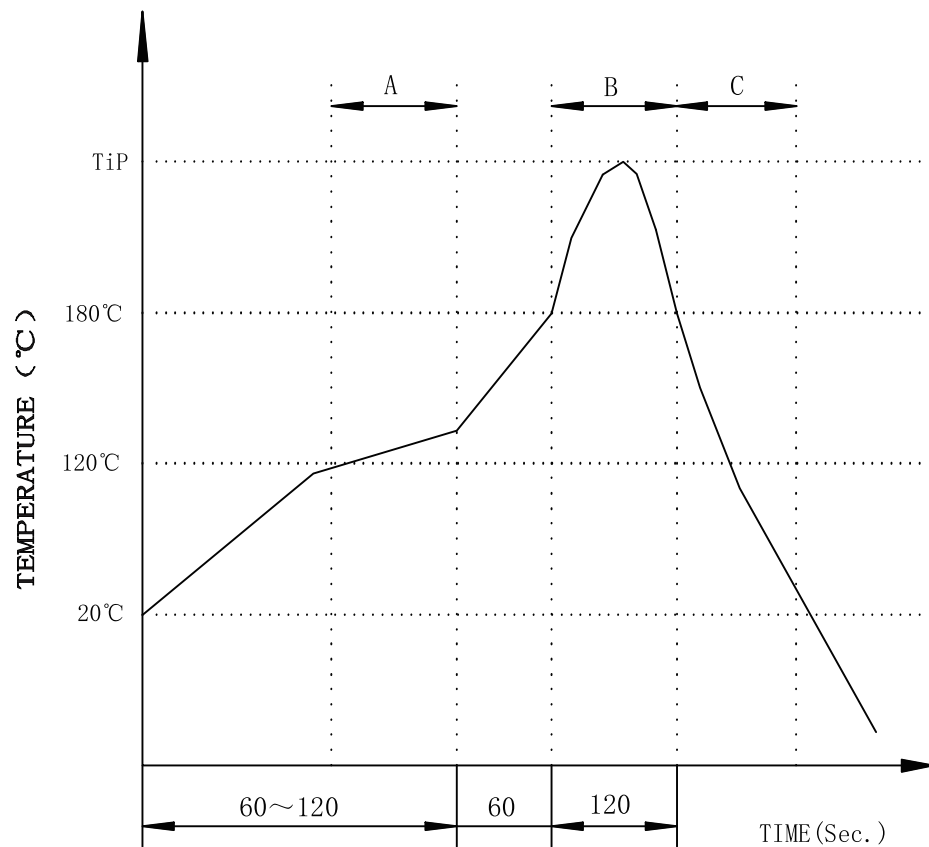


$.xx \pm 0.25$      $.xx^\circ \pm 1.5^\circ$   
 $.xxx \pm 0.10$      $.xxx^\circ \pm 1.0^\circ$

DESIGNED BY:  
Sunny.Xu


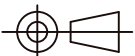
REACH & RoHS  
COMPLIANT

# 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	TITLE: TAB-UP 1X1 100BASE	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
	PART NO.: SYT811B198FN4A10DQB	SCALE 1:1	REV A0	.xx±0.35 .x±0.30	.x°±3.0° .x°±2.0°	CHECKED BY: Elvis.Song
TEL: +86 400 1048 018 WEB: WWW.VOOHU.CN	REMARK:	SHEET 4/4		.xx±0.25 .xxx±0.10	.xx°±1.5° .xxx°±1.0°	DESIGNED BY: Sunny.Xu