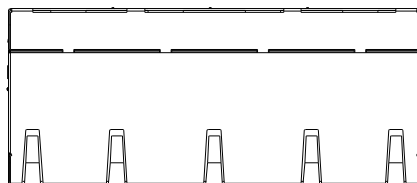
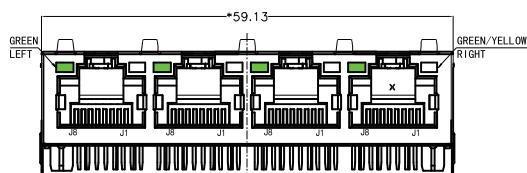


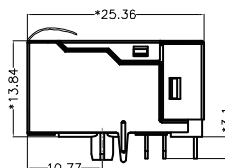
REACH & RoHS  
COMPLIANT



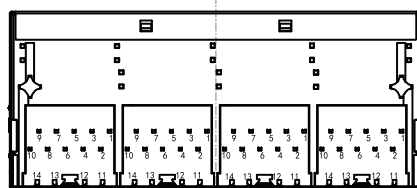
TOP VIEW



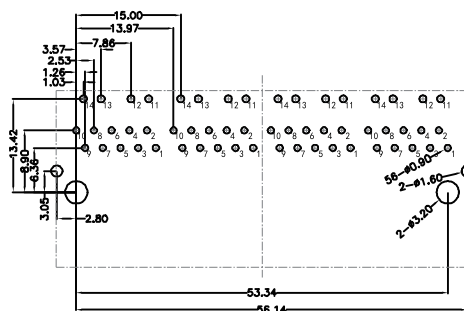
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE

### MATERIAL:

HOUSING: PA66,UL94V-0,BLACK.

TERMINALS BRACKET: PA66,UL94V-0,BLACK.

SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.

TERMINAL: PHOSPHOR BRONZE C5191,T=0.35MM,  
30U" 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  
Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE:  
TAB-UP 1X4 1000BASE

PART NO.:  
SYT314Q070DE3A2DDBB359

REMARK:

SIZE  
A4

SACLE  
1:1

SHEET  
1/4

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

x±0.35  
.x±0.30  
.xx±0.25  
.xxx±0.10

x°±3.0°  
.x°±2.0°  
.xx°±1.5°  
.xxx°±1.0°

APPROVED BY:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

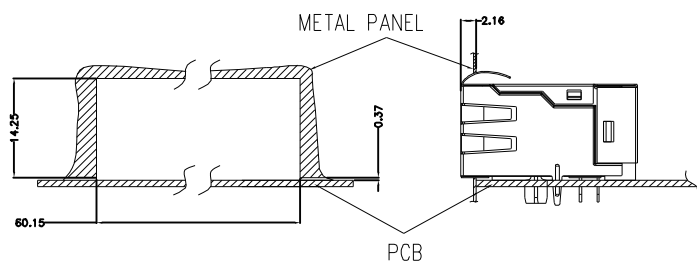
DESIGND BY:  
Sunny.Xu

TEL: +86 400 1048 018

WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

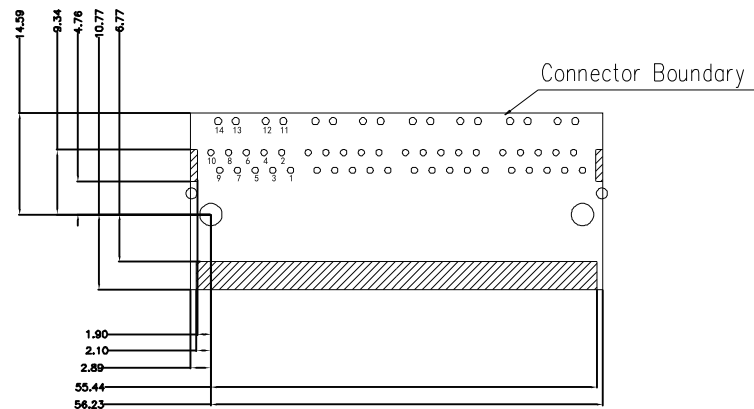
REACH & RoHS  
COMPLIANT

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

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

TITLE:  
TAB-UP 1X4 1000BASE  
PART NO.:  
SYT314Q070DE3A2DDBB359

REMARK:

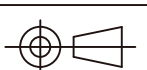
SIZE  
A4

SACLE  
1:1

SHEET  
2/4

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

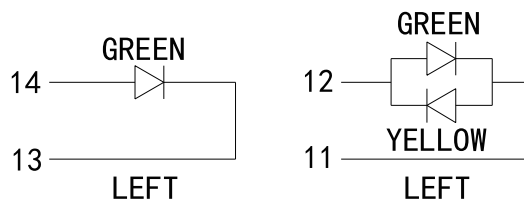
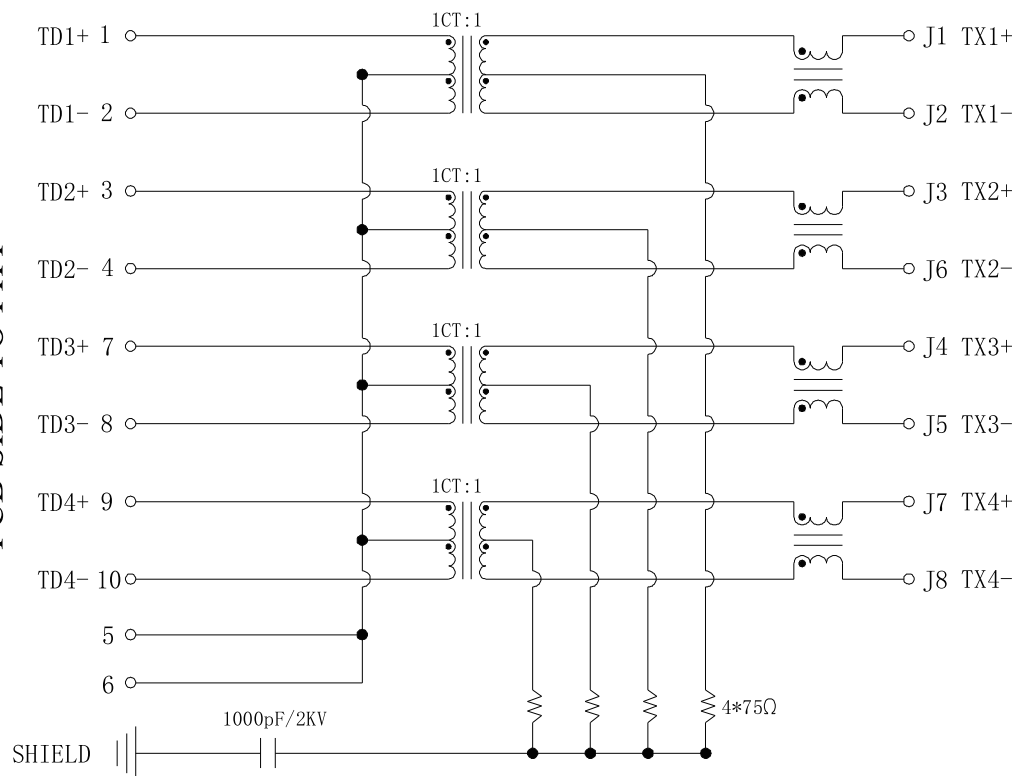
TEL: +86 400 1048 018

WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

REACH & RoHS  
COMPLIANT

PCB SIDE TO PHY

CABLE SIDE



### Electrical:

- 1.Turn ratio:1~2:J1~J2=1CT:1CT( $\pm 2\%$ ).  
3~4:J3~J6=1CT:1CT( $\pm 2\%$ ).  
7~8:J4~J5=1CT:1CT( $\pm 2\%$ ).  
9~10:J7~J8=1CT:1CT( $\pm 2\%$ ).
- 2.OCL:350uH Min.at 100KHz 100mV 8mA DC.
- 3.Insertion Loss: -1.0 dB Max 1~100MHz.  
-1.2 dB Max 100~125MHz.
- 4.Return loss: -16dB Min 1~40MHz;  
-12dB Min 40~60MHz.  
-10dB Min 60~80MHz.  
-8dB Min 80~100MHz.
- 5.Cross talk: -30dB Min 1~100MHz;
- 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	2.2-2.4V
Yellow	585nm	20mA	2.1-2.5V

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

TITLE:  
TAB-UP 1X4 1000BASE  
PART NO.:  
SYT314Q070DE3A2DDBB359

SIZE  
A4  
UNITS  
MM[INCH]  
SACLE  
1:1  
REV  
A0

GENERAL TOLERANCES  
UNLESS SPECIFIED  
x $\pm 0.35$  x $^{\circ} \pm 3.0^{\circ}$   
.x $\pm 0.30$  .x $^{\circ} \pm 2.0^{\circ}$

APPROVED BY:  
Geoffrey.Song  
CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

REMARK:

SHEET  
3/4

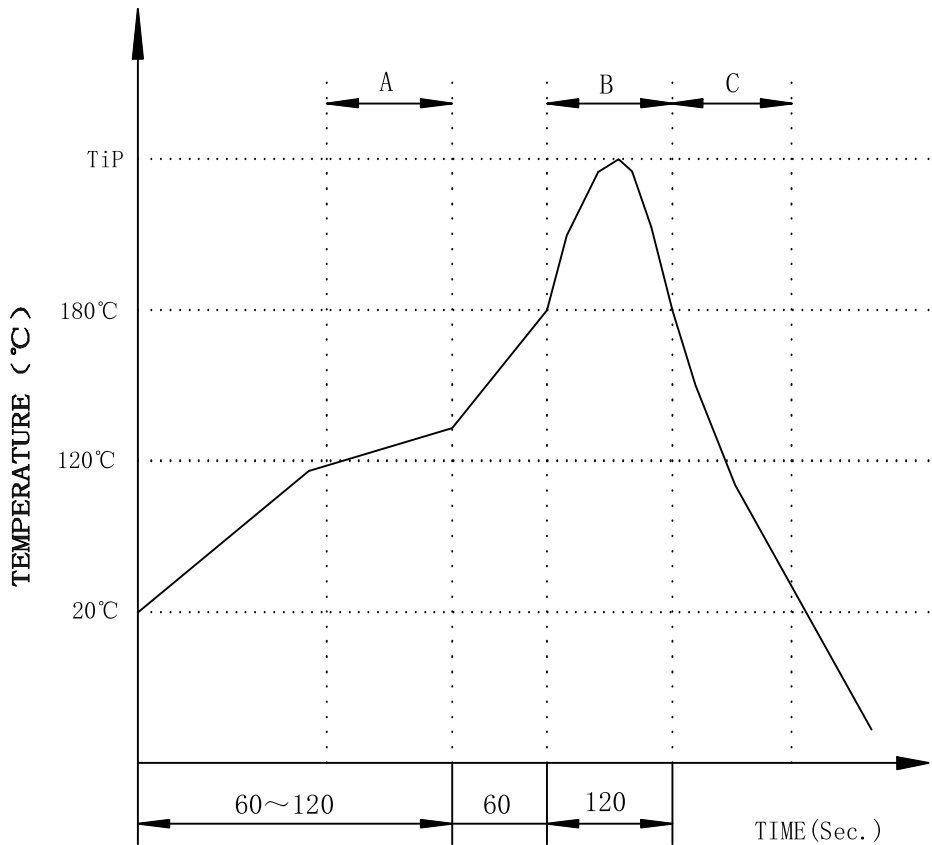


.xx $\pm 0.25$  .xx $^{\circ} \pm 1.5^{\circ}$   
.xxx $\pm 0.10$  .xxx $^{\circ} \pm 1.0^{\circ}$

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.

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

TEL: +86 400 1048 018

WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

TITLE:  
TAB-UP 1X4 1000BASE

PART NO.:  
SYT314Q070DE3A2DDBB359

REMARK:

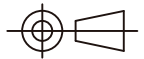
SIZE  
A4

SACLE  
1:1

SHEET  
4/4

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