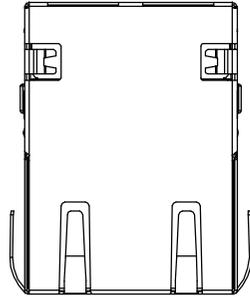


REACH & RoHS  
COMPLIANT



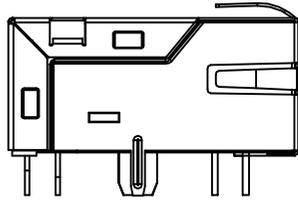
TOP VIEW

**MATERIAL:**

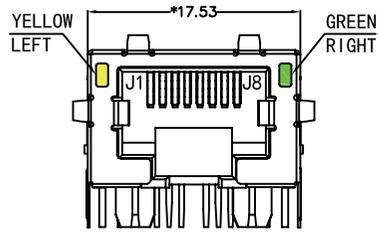
HOUSING: LCP,UL94V-0,BLACK.  
 TERMINALS BRACKET: LCP,UL94V-0,BLACK.  
 SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.  
 TERMINAL: PHOSPHOR BRONZE ,T=0.35MM C5191,  
 30U" GOLD PLATING ON CONTACT AREA.

**MECHANICAL:**

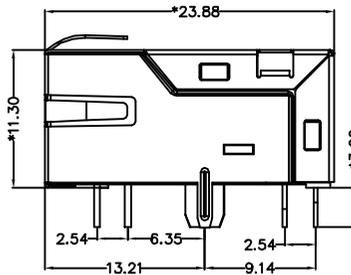
DURABILITY: 750 CYCLES MIN.  
 MATING FORCE: 23N MAX.  
 OPERATING TEMPERATURE: -40°C~+85°C.  
 STORAGE TEMPERATURE: -40°C~+85°C.  
 ALL CRITICAL DIMENSIONS WITH "\*"



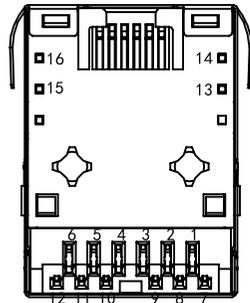
LEFT SIDE VIEW



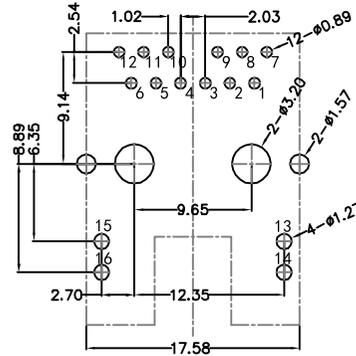
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE

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

TITLE:  
TAB-DOWN 1X1 1000BASE

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
SYT1611Q008FA1A10DB057

SACLE  
1:1

REV  
A0

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

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

CHECKED BY:  
Elvis.Song  
DESIGN BY:  
Sunny.Xu

TEL: +86 400 1048 018

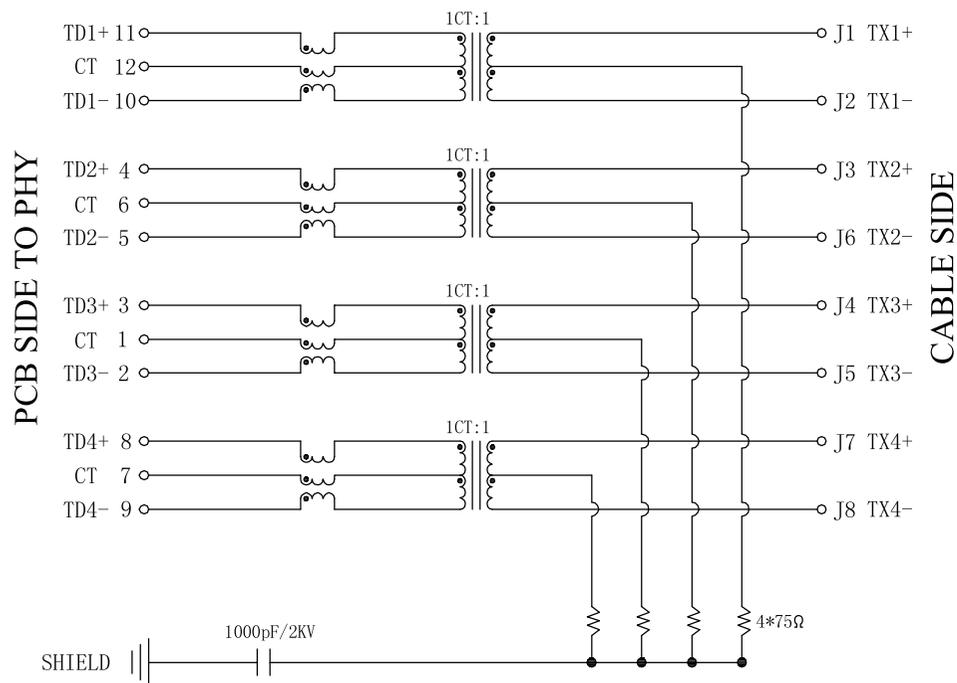
WEB: [WWW.WOHU-TEK.COM](http://WWW.WOHU-TEK.COM)

REMARK:

SHEET  
1/4

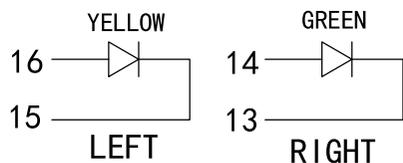


REACH & RoHS  
COMPLIANT



**Electrical:**

- Turn ratio: 11~10: J1~J2=1CT:1CT(±2%).  
4~5: J3~J6=1CT:1CT(±2%).  
3~2: J4~J5=1CT:1CT(±2%).  
8~9: J7~J8=1CT:1CT(±2%).
- OCL: 350uH Min. at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -18dB Min 1~30MHz;  
-14dB Min 30~60MHz.  
-12dB Min 60~80MHz.  
-10dB Min 80~100MHz.
- Cross talk: -40dB Min 1~30MHz;  
-35dB Min 30~60MHz;  
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- 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

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

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UNITS  
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GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
SYT1611Q008FA1A10DB057

SACLE  
1:1

REV  
A0

x±0.35	x°±3.0°
.x±0.30	.x°±2.0°

CHECKED BY:  
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REMARK:

SHEET  
1/4

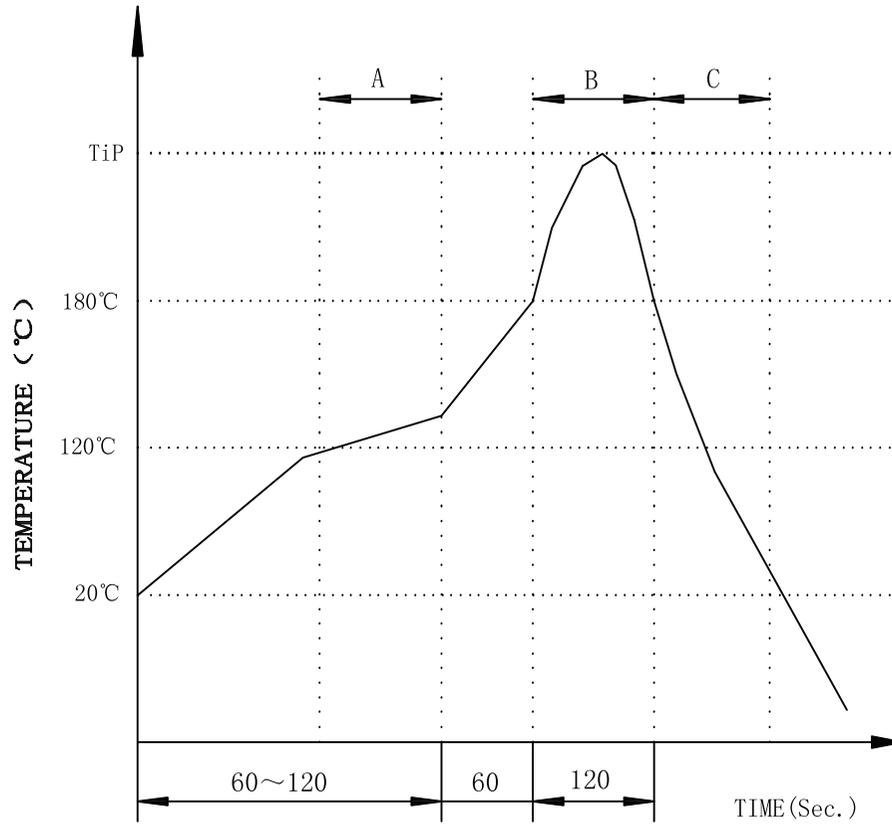


.xx±0.25	.xx°±1.5°
.xxx±0.10	.xxx°±1.0°

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.

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

TITLE:  
TAB-DOWN 1X1 1000BASE

SIZE  
A4  
UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
SYT1611Q008FA1A10DB057

SACLE  
1:1  
REV  
A0

x±0.35	x°±3.0°
.xx±0.30	.x°±2.0°

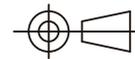
CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

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

REMARK:

SHEET  
1/4



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

DESIGND BY:  
Sunny.Xu