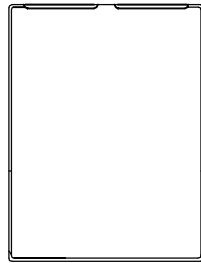
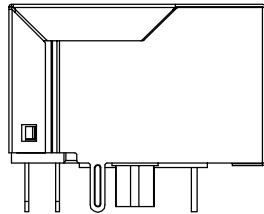


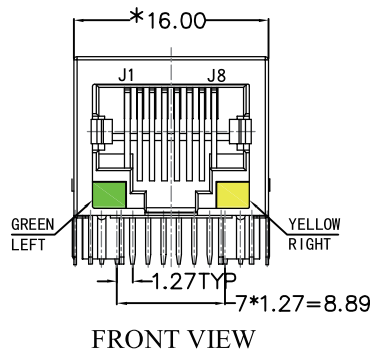
REACH & RoHS  
COMPLIANT



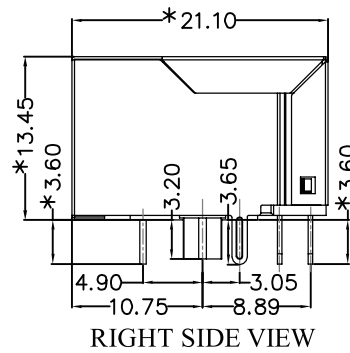
TOP VIEW



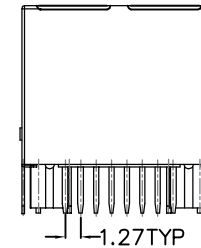
LEFT SIDE VIEW



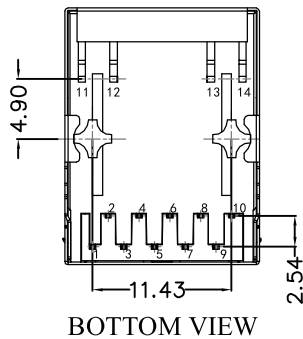
FRONT VIEW



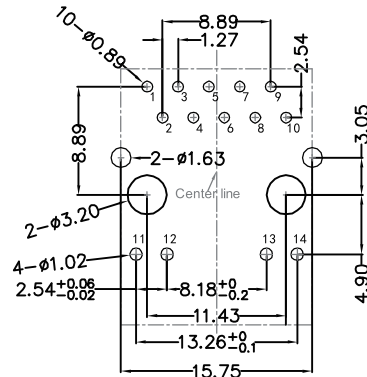
RIGHT SIDE VIEW



BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE

**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

TEL: +86 400 1048 018

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

TITLE:  
TAB-DOWN 1X1 100BASE

PART NO.:  
SYT-320DNL

REMARK:

SIZE  
A4

SCALE  
1:1

SHEET  
1/3

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

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

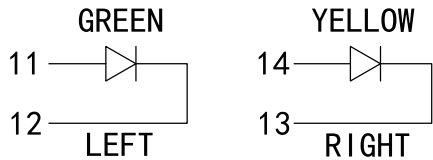
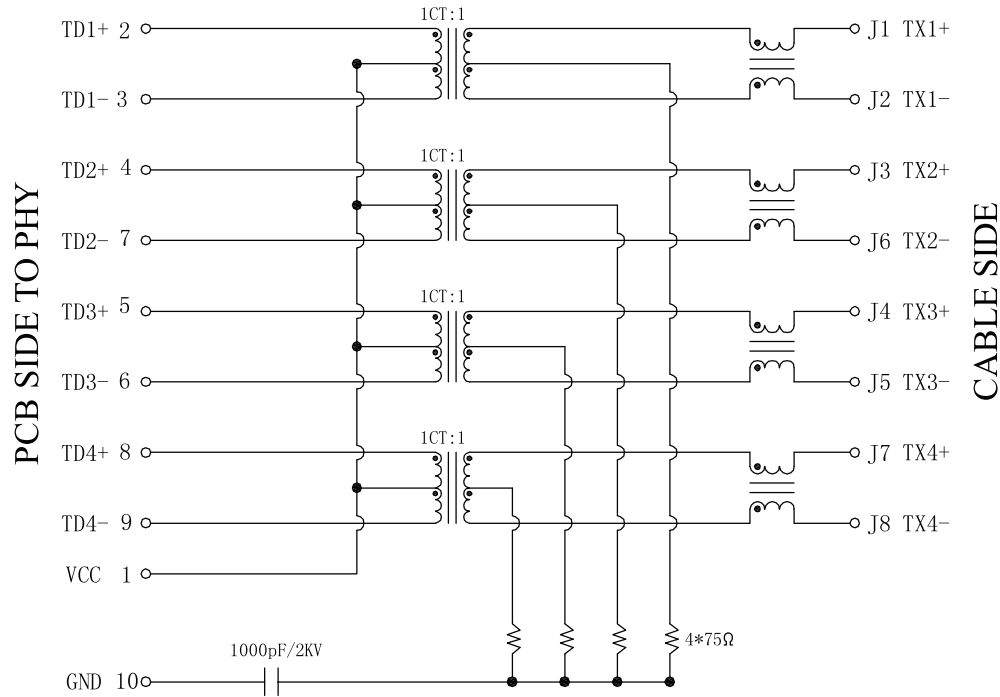
$x^\circ \pm 3.0^\circ$   
 $.x^\circ \pm 2.0^\circ$   
 $.xx^\circ \pm 1.5^\circ$   
 $.xxx^\circ \pm 1.0^\circ$

APPROVED BY:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

DESIGNED BY:  
Sunny.Xu

REACH & RoHS  
COMPLIANT



### Electrical:

- Turn ratio:2~3:J1~J2=1CT:1CT(±2%).  
4~7:J3~J6=1CT:1CT(±2%).  
5~6: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: -20dB Min 1~10MHz;  
-1 6dB Min 10~30MHz.  
-1 2dB 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	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V

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SIZE  
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UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
SYT-320DNL

SCALE  
1:1

REV  
A0

x±0.35  
.x±0.30

x°±3.0°  
.x°±2.0°

CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

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

REMARK:

SHEET  
2/3



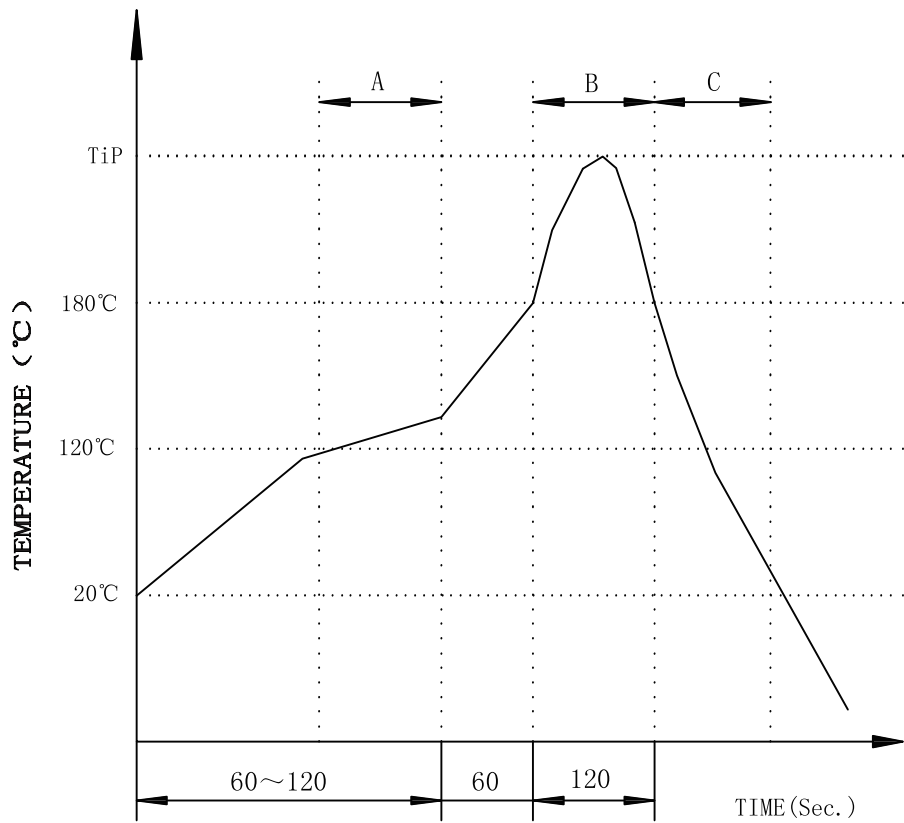
.xx±0.25  
.xxx±0.10

.xx°±1.5°  
.xxx°±1.0°

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.

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TITLE:  
TAB-DOWN 1X1 100BASE

PART NO.:  
SYT-320DNL

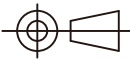
REMARK:

SIZE  
A4  
UNITS  
MM[INCH]

SCALE  
1:1

SHEET  
3/3

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°

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Elvis.Song

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