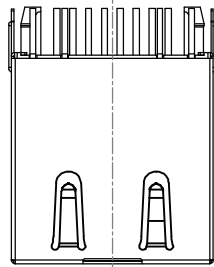
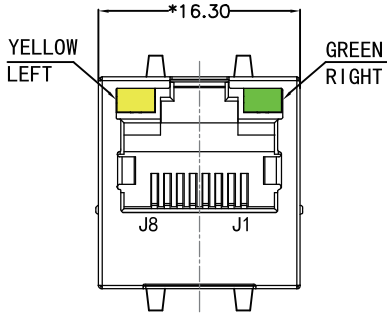


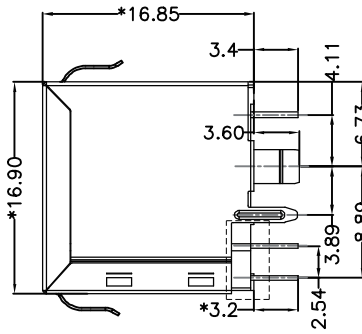
REACH & RoHS
COMPLIANT



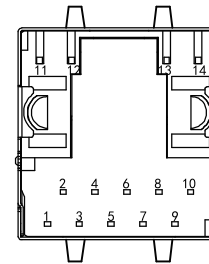
TOP VIEW



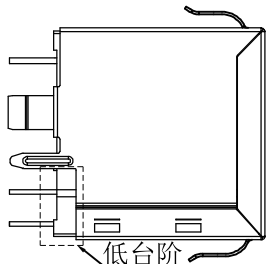
FRONT VIEW



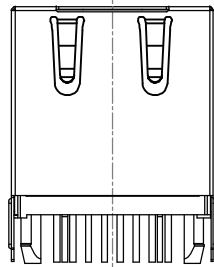
RIGHT SIDE VIEW



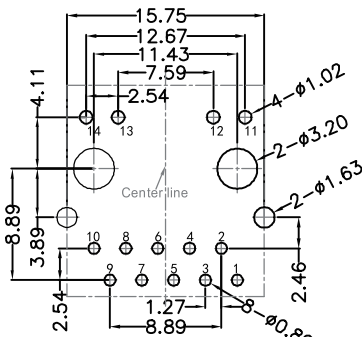
BACK VIEW



LEFT SIDE 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

TITLE:
180° TAB-UP 1X1 1000BASE

PART NO.:
SYT511Q106DA1A8D

REMARK:

SIZE
A4

SACLE
1:1

SHEET
1/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

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

UNLESS SPECIFIED

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

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

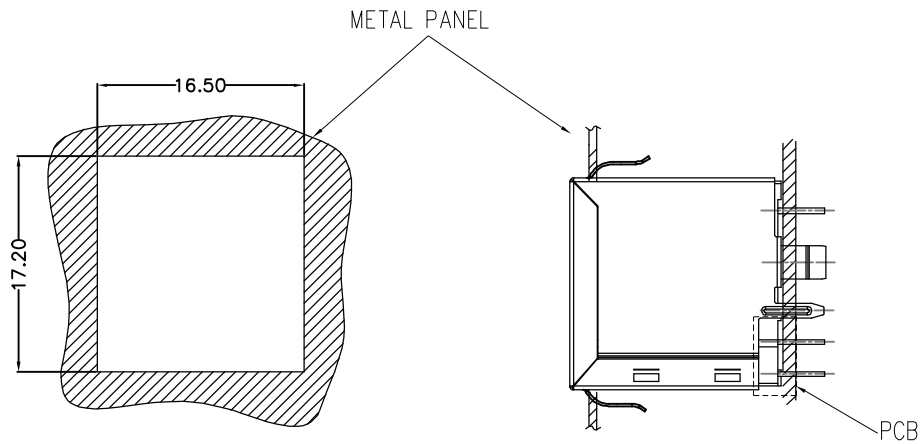
DESIGND BY:
Sunny.Xu

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

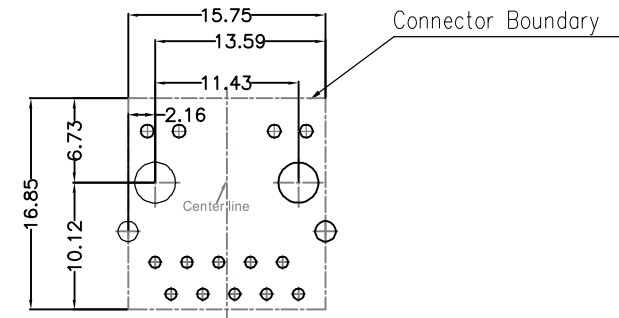
REACH & RoHS
COMPLIANT

Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

Keep-Out Area (Component Side View):



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

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UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
SYT511Q106DA1A8D

SACLE
1:1

REV
A0

$x \pm 0.35$
 $.x \pm 0.30$

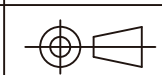
CHECKED BY:
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REMARK:

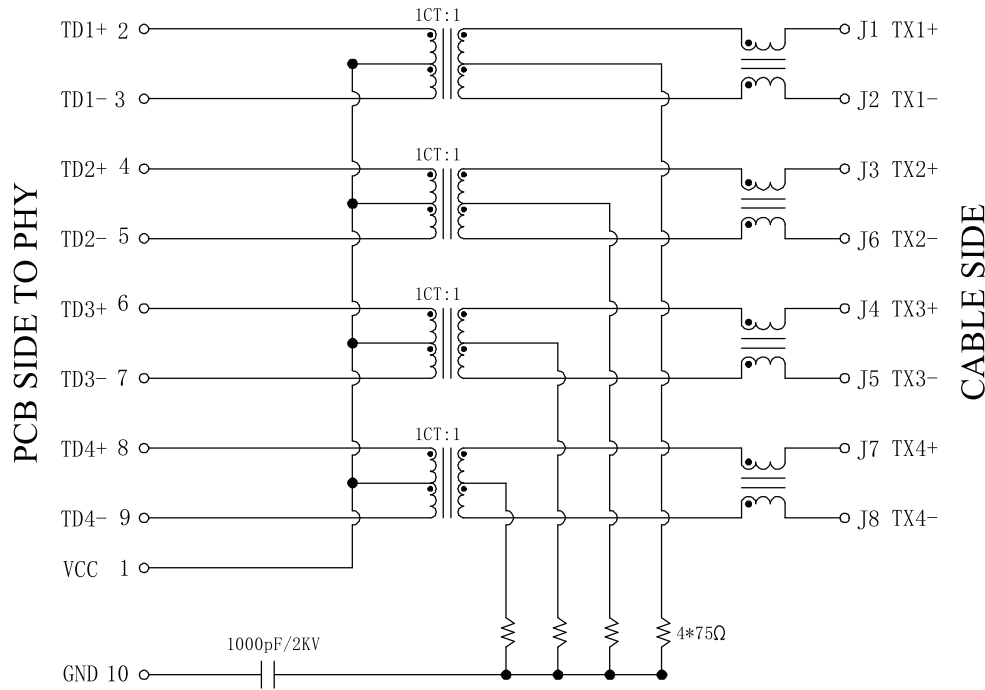
SHEET
2/4



$.xx \pm 0.25$
 $.xxx \pm 0.10$

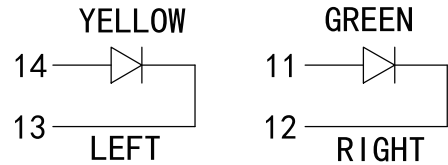
DESIGND BY:
Sunny.Xu

REACH & RoHS
COMPLIANT



Electrical:

1. Turn ratio: 2~3: J1~J2=1CT:1CT(±2%).
4~5: J3~J6=1CT:1CT(±2%).
6~7: J4~J5=1CT:1CT(±2%).
8~9: J7~J8=1CT:1CT(±2%).
2. OCL: 350uH Min. at 100KHz 100mV 8mA DC.
3. Insertion Loss: -1.0 dB Max 1~100MHz.
4. Return loss: -18dB Min 1~30MHz;
-14dB Min 30~60MHz.
-12dB Min 60~80MHz.
-10dB Min 80~100MHz.
5. Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
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 | 1.85-2.45V |
| Yellow | 585nm | 20mA | 1.7-2.2V |

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UNLESS SPECIFIED

APPROVED BY:
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SACLE
1:1

REV
A0

| | |
|---------|----------|
| x±0.35 | x°±3.0° |
| .x±0.30 | .x°±2.0° |

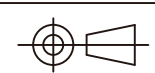
CHECKED BY:
Elvis.Song

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REMARK:

SHEET
3/4

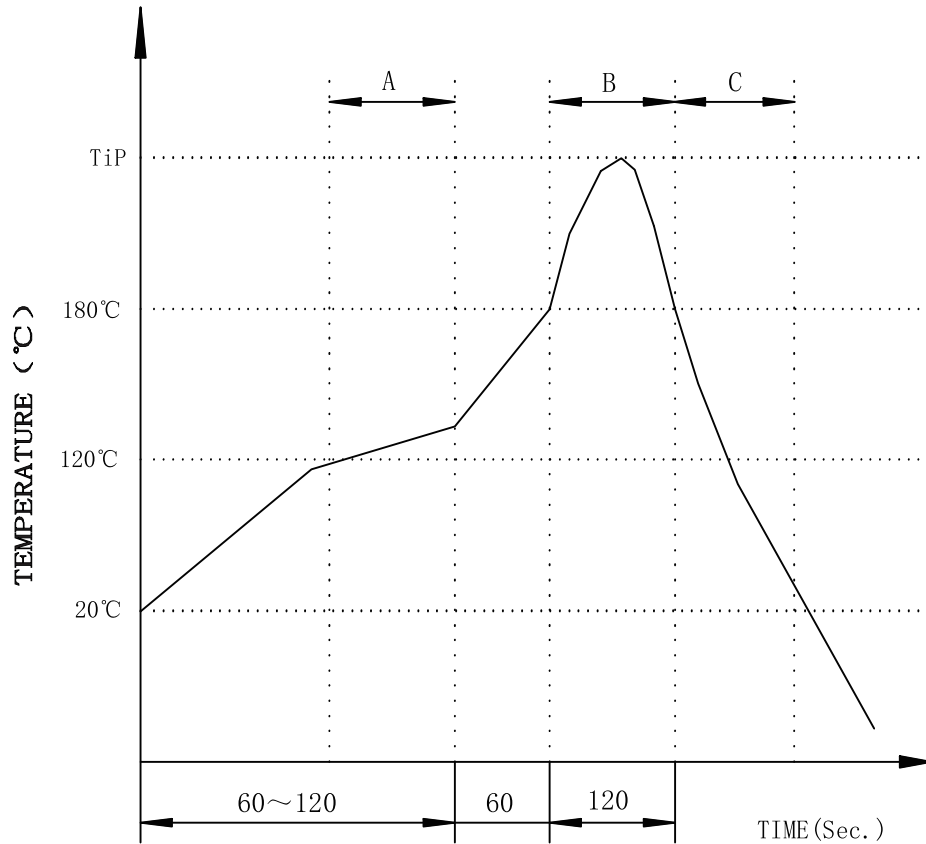


| | |
|-----------|------------|
| .xx±0.25 | .xx°±1.5° |
| .xxx±0.10 | .xxx°±1.0° |

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.

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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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SHEET
4/4

