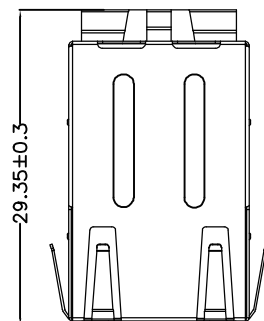
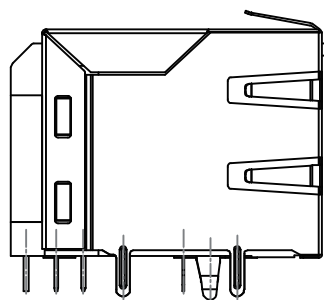


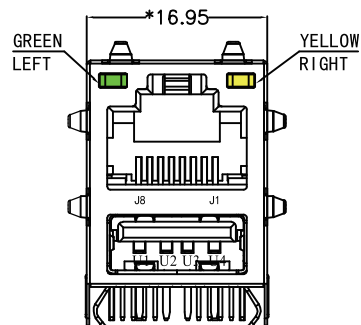
REACH & RoHS
COMPLIANT



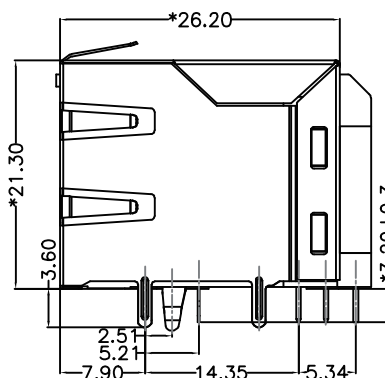
TOP VIEW



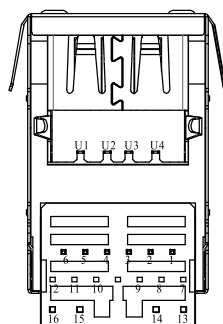
LEFT SIDE VIEW



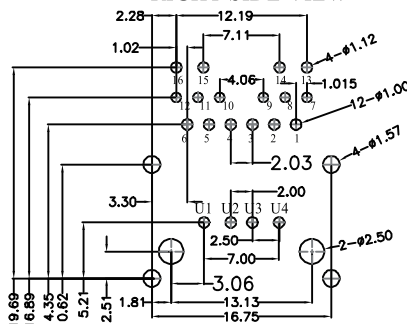
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

RJ45:

HOUSING: PBT,UL94V-0,BLACK.

TERMINALS BRACKET: PBT,UL94V-0,BLACK.

SHIELD: C2680,T=0.20MM,50U"MIN NICKEL PLATING
ON ALL AREA.

TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.

USB 2.0:

TERMINALS BRACKET: PBT,UL94V-0,BLACK.

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

TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
G/FU" GOLD PLATING ON CONTACT AREA.

CURRENT RATING : 2AMP.

DIELECTRIC STRENGTH: 500 VAC AT Sea Level.

INSULATION RESISTANCE: 1000 MEGA OHMS MIN.

CONTACT RESISTANCE: 30 MILLIOHMS MAX.

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 "mm"

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

TITLE:
RJ45+USB2.0 1000BASE

PART NO.:
SYT611U2Q008DB2WD

REMARK:

SIZE
A4

SACLE
1:1

SHEET
1/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

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

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

APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

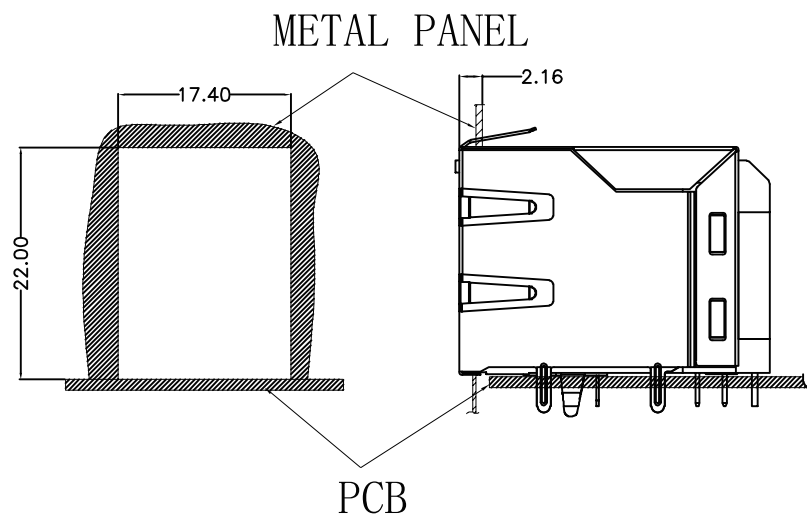
DESIGND BY:
Sunny.Xu

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

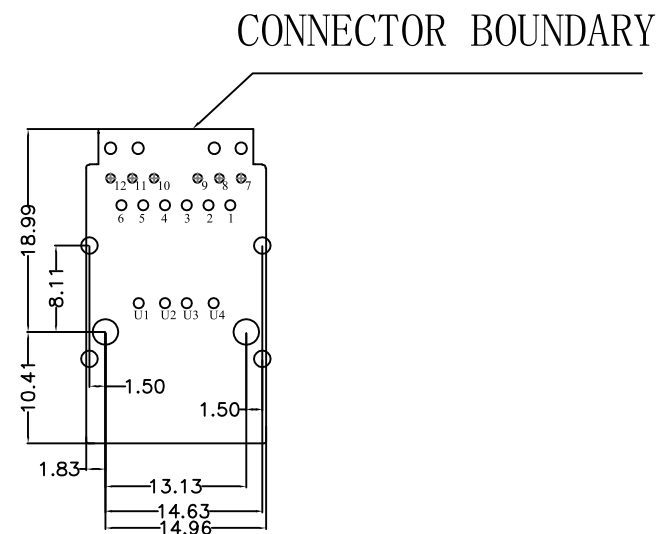
REACH & RoHS
COMPLIANT

RECOMMENDED PANEL CUTOUT (REFERENCE ONLY) :



UNIT: MM / INCH
TOLERANCES: ± 0.10 / 0.004
REFERENCE ONLY

KEEP-OUT AREA (COMPONENT SIDE VIEW) :



PLUG-IN SIDE

UNIT: MM / INCH
TOLERANCES: ± 0.10 / 0.004

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A4

UNITS
MM[INCH]

GENERAL TOLERANCES
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Geoffrey.Song

PART NO.:
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SACLE
1:1

REV
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CHECKED BY:
Elvis.Song

DESIGND BY:
Sunny.Xu

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WEB: WWW.WOHU-TEK.COM

REMARK:

SHEET
2/4



1

2

3

4

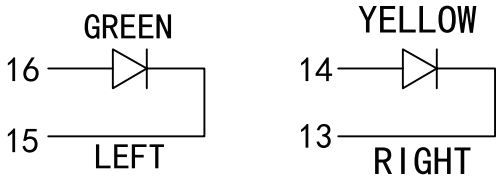
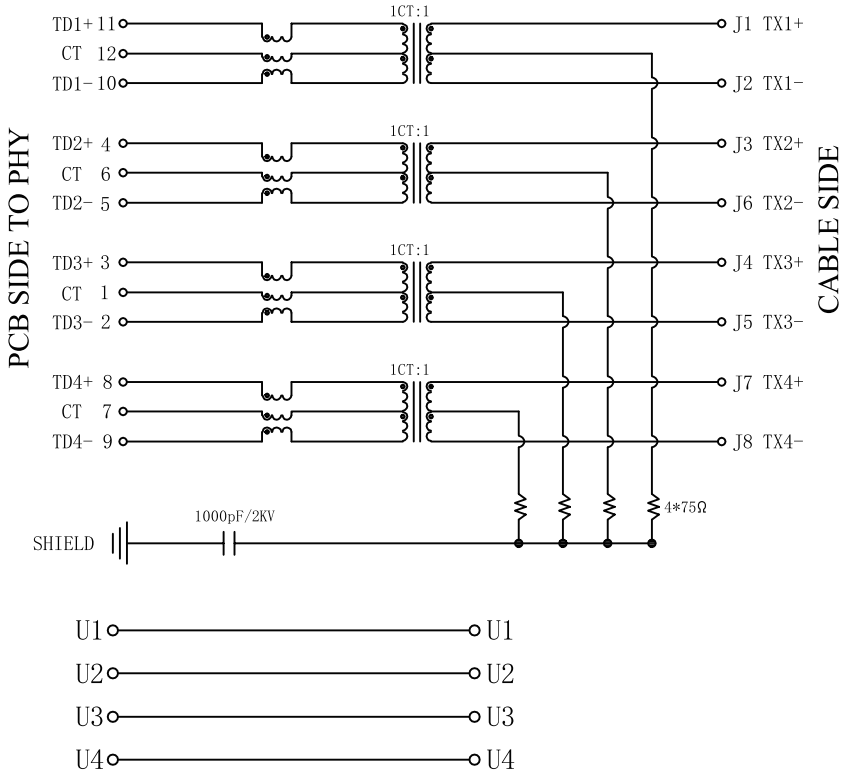
5

6

7

8

REACH & RoHS
COMPLIANT



Electrical:

- Turn ratio: 11~10: J1~J2=1CT:1CT($\pm 2\%$).
4~5: J3~J6=1CT:1CT($\pm 2\%$).
3~2: J4~J5=1CT:1CT($\pm 2\%$).
8~9: J7~J8=1CT:1CT($\pm 2\%$).
- 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

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REMARK:

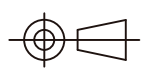
SIZE
A4

SACLE
1:1

SHEET
3/4

UNITS
MM[INCH]

REV
A0



GENERAL TOLERANCES
UNLESS SPECIFIED

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 $.x \pm 0.30$

$.xx \pm 0.25$
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$x^\circ \pm 3.0^\circ$
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 $.xxx^\circ \pm 1.0^\circ$

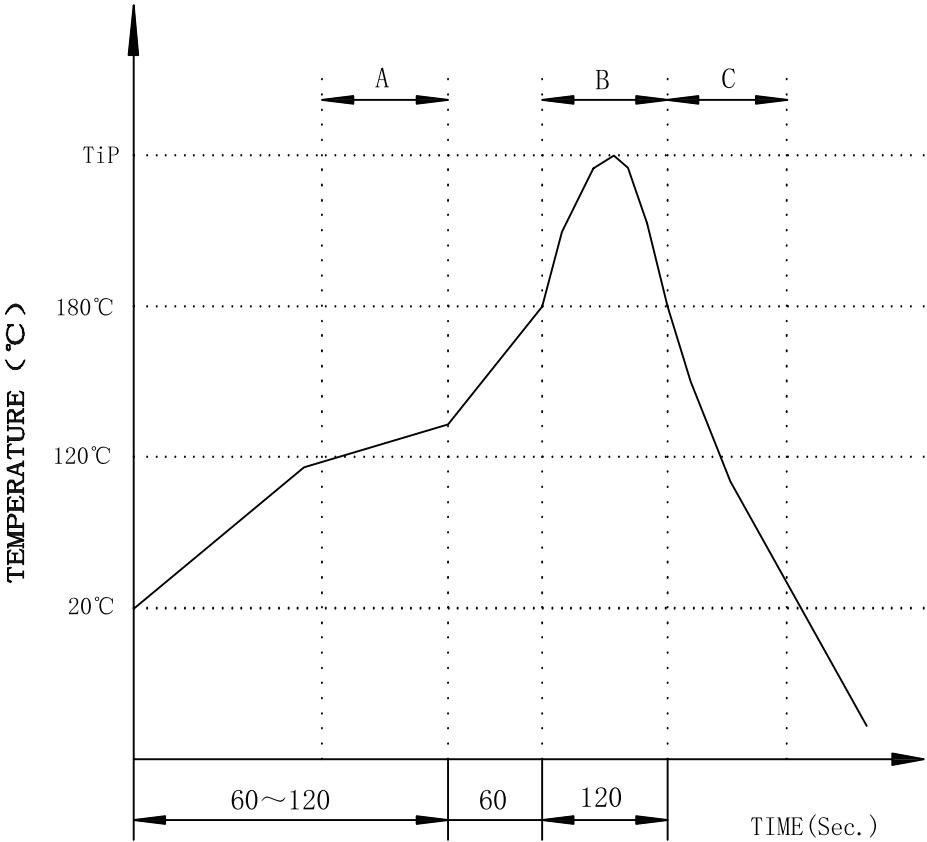
APPROVED BY:
Geoffrey.Song

CHECKED BY:
Elvis.Song

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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PART NO.:
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REMARK:

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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:
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CHECKED BY:
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