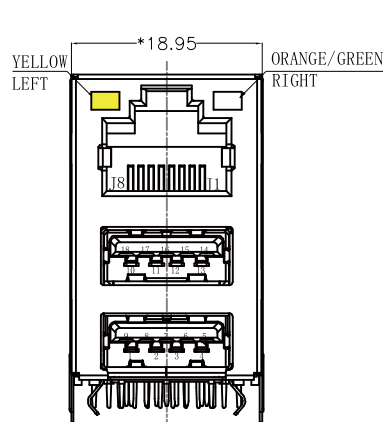
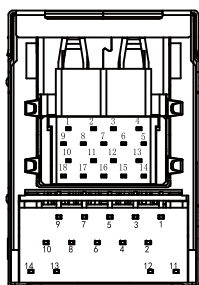


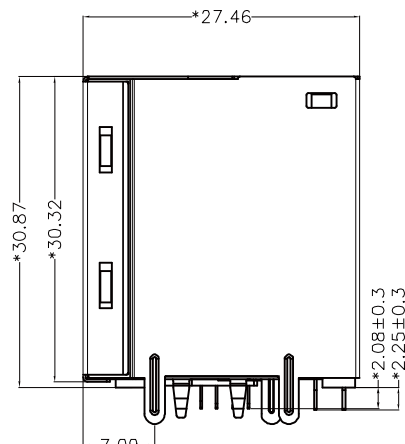
REACH & RoHS
COMPLIANT



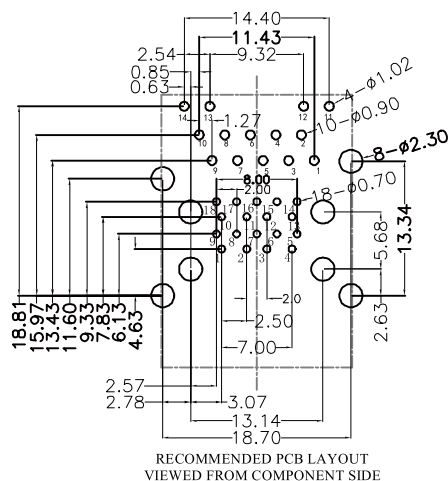
FRONT VIEW



BOTTOM VIEW



RIGHT SIDE VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

MATERIAL:

HOUSING: PBT,UL94V-0,BLACK.

USB HOUSING: PBT,UL94V-0,BLUE.

TERMINALS BRACKET: LCP,UL94V-0,BLACK.

SHIELD: SUS304.

TERMINAL: PHOSPHOR BRONZE C5191,T=0.35MM,
30U" GOLD PLATING ON CONTACT AREA.

USB TERMINAL: BRASS,T=0.25MM,
G/FU" 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:

RJ45+双USB3.0 5G

PART NO.:

SYT711U3Q798AE8WDBN5359

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:

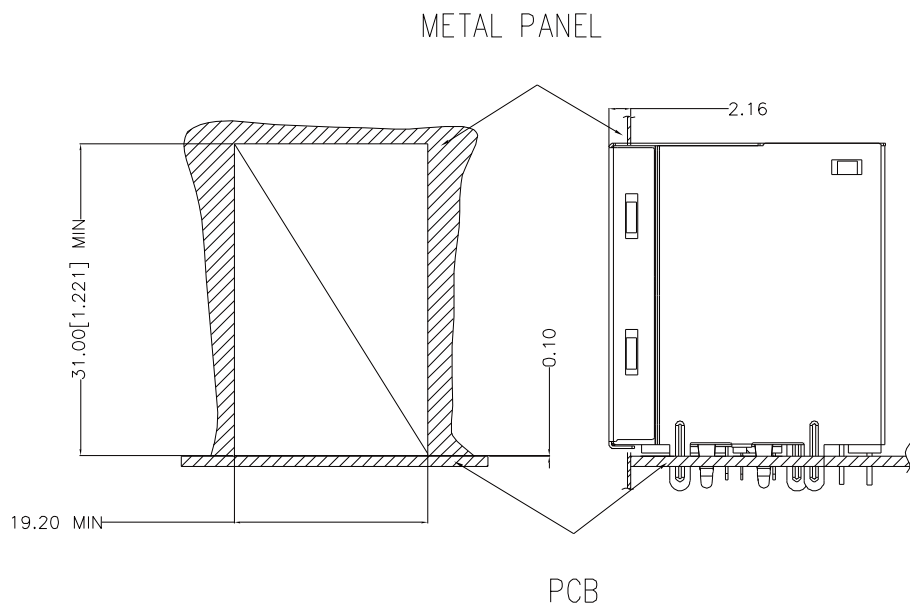
Sunny.Xu

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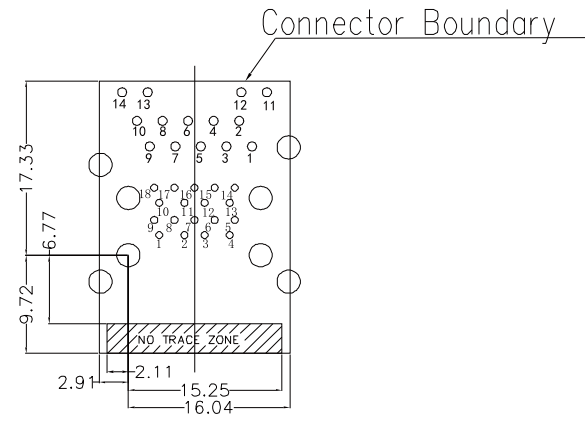
REACH & RoHS
COMPLIANT

Suggested Panel Opening:



UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

Keep-Out Area (Component Side View):



Plug In Side

UNIT: mm / inch
Tolerances: ± 0.10 / 0.004

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REMARK:

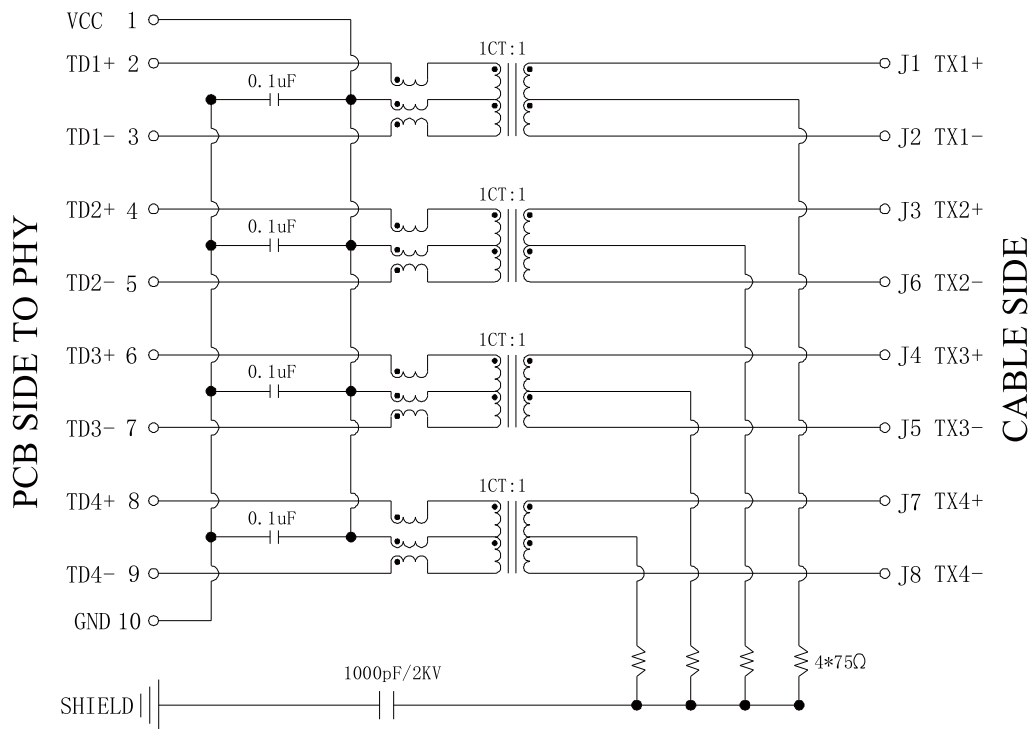
SIZE
A4
SACLE
1:1
SHEET
2/4

UNITS
MM[INCH]
REV
A0

GENERAL TOLERANCES
UNLESS SPECIFIED
xx ± 0.35 xx $\pm 3.0^\circ$
x ± 0.30 x $\pm 2.0^\circ$
xx ± 0.25 xx $\pm 1.5^\circ$
xxx ± 0.10 xxx $\pm 1.0^\circ$

APPROVED BY:
Geoffrey.Song
CHECKED BY:
Elvis.Song
DESIGND BY:
Sunny.Xu

REACH & RoHS
COMPLIANT

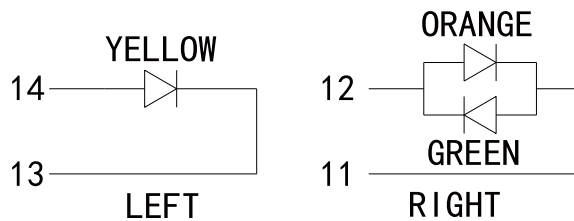


Electrical:

- Turn ratio:2~3:J1~J2=1CT:1CT($\pm 2\%$).
4~5:J3~J6=1CT:1CT($\pm 2\%$).
6~7:J4~J5=1CT:1CT($\pm 2\%$).
8~9:J7~J8=1CT:1CT($\pm 2\%$).
- OCL:160uH MIN @100KHZ,100mV,8mA DC BIAS
- Insertion Loss:-0.5 dB Max 1~50MHz.
-1.2 dB Max 50~125MHz.
-2.0 dB Max 125~250MHz.
- Return loss:-16 dB Min 1 ~ 40MHz;
-16+10Log10(f/40) 40<f≤250 dB 40~250MHz.
- Cross talk: -30dB Min 1~40MHz.
-28dB Min 40~100MHz.
-26dB Min 100~250MHz.
- CMR: -30dB Min 1~250MHz;
- Hi-Pot:2250VDC MIN AT 60 SECONDS

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	565nm	20mA	2.2-2.4V
Yellow	590nm	20mA	2.1-2.5V
Orange	605nm	20mA	2.0-2.5V



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A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
SYT711U3Q798AE8WDBN5359

SACLE
1:1

REV
A0

x±0.35
.x±0.30

x°±3.0°
.x°±2.0°

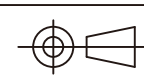
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REMARK:

SHEET
3/4



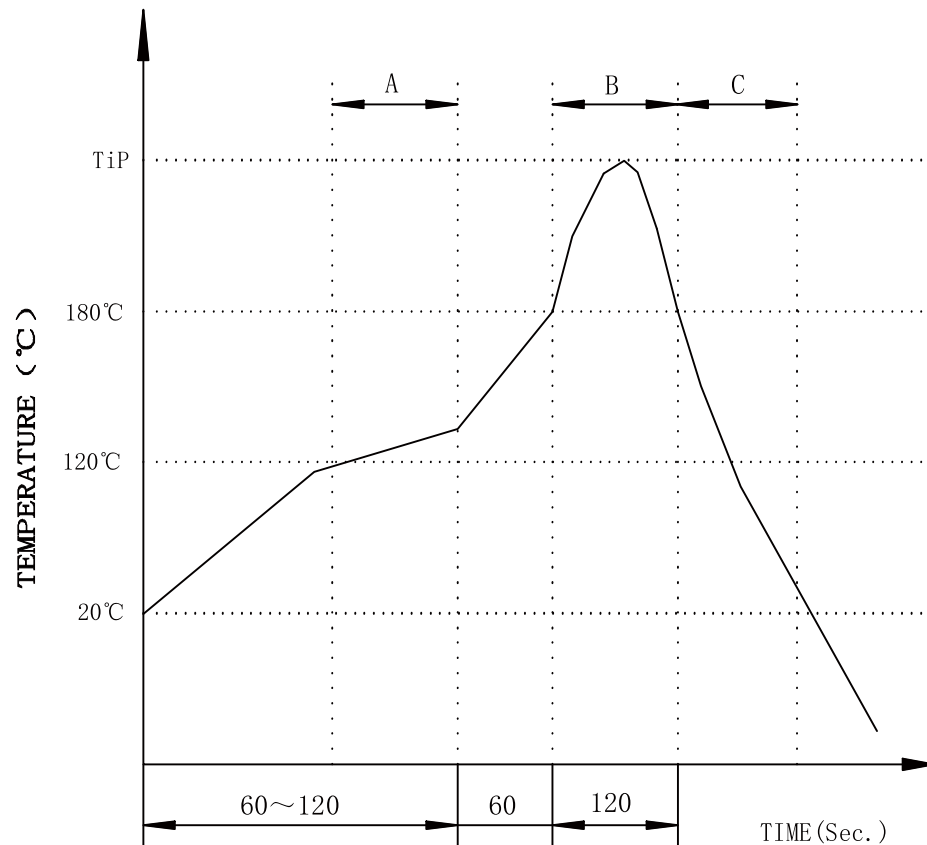
.xx±0.25
.xxx±0.10

.xx°±1.5°
.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
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APPROVED BY:
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PART NO.:
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SACLE
1:1

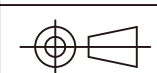
REV
A0

x±0.35 x°±3.0°
.x±0.30 .x°±2.0°

CHECKED BY:
Elvis.Song

REMARK:

SHEET
4/4



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

DESIGND BY:
Sunny.Xu

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