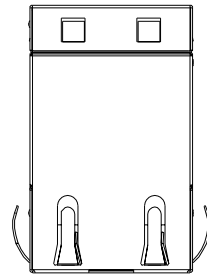
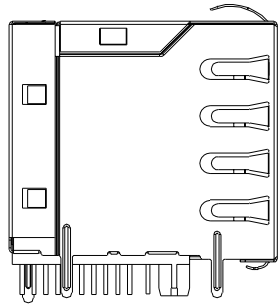


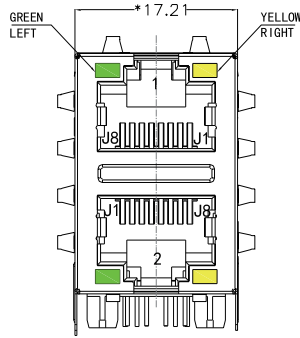
REACH & RoHS  
COMPLIANT



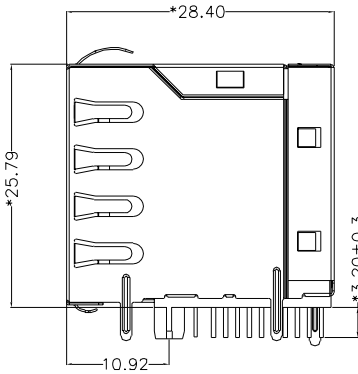
TOP VIEW



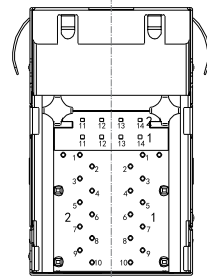
LEFT SIDE VIEW



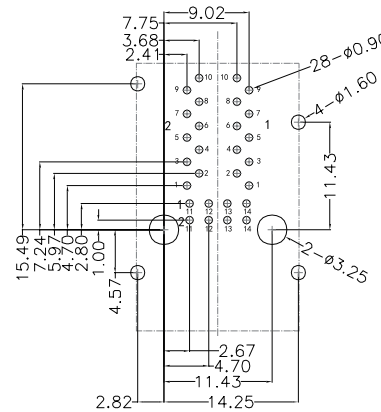
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW



**MATERIAL:**

HOUSING: PA66,UL94V-0,BLACK.  
TERMINALS BRACKET: PBT,UL94V-0,BLACK.  
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.  
TERMINAL: PHOSPHOR BRONZE C5191,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:  
RJ45 2X1 1000BASE

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
SYT21Q085DA2A2D057

SACLE  
1:1

REV  
A0

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

CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

WEB: WWW.WOHU-TEK.COM

REMARK:

SHEET  
1/4

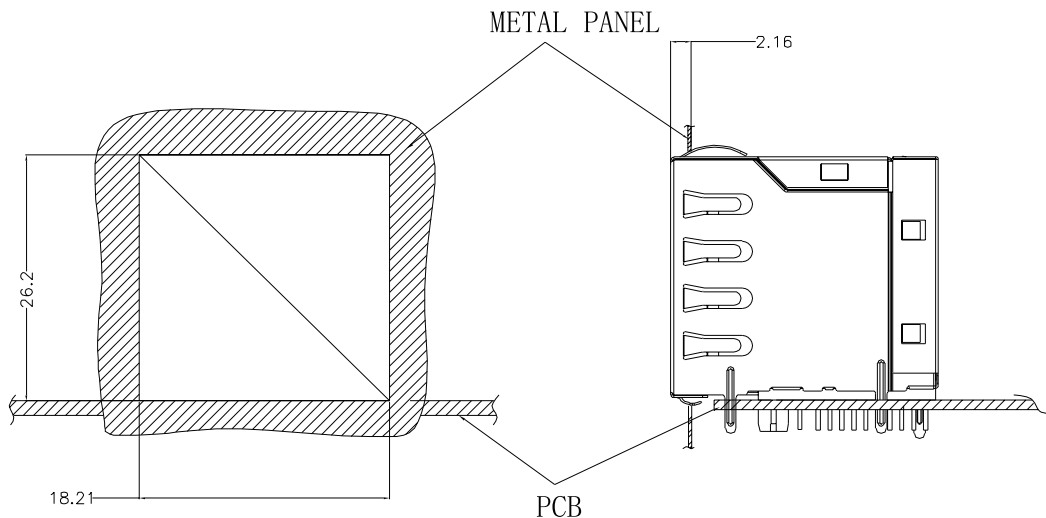


$.xx \pm 0.25$   
 $.xxx \pm 0.10$

DESIGND BY:  
Sunny.Xu

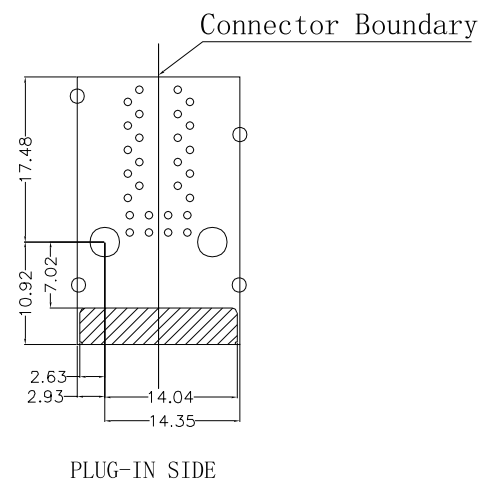
REACH & RoHS  
COMPLIANT

SUGGESTED PANEL OPENING:



UNIT: MM / INCH  
TOLERANCES:  $\pm 0.10 / 0.004$

KEEP-OUT AREA (COMPONENT SIDE VIEW):



PLUG-IN SIDE

UNIT: MM / INCH  
TOLERANCES:  $\pm 0.10 / 0.004$

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GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
SYT21Q085DA2A2D057

SACLE  
1:1

REV  
A0

$x \pm 0.35$	$x^\circ \pm 3.0^\circ$
$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$

CHECKED BY:  
Elvis.Song

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

REMARK:

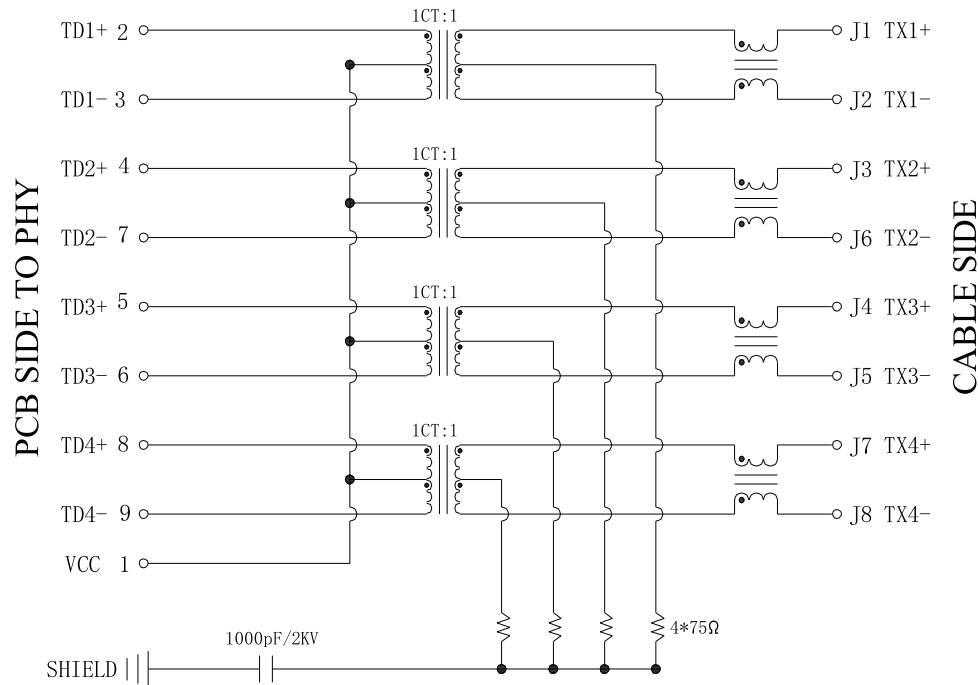
SHEET  
2/4



$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$
$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$

DESIGN BY:  
Sunny.Xu

REACH & RoHS  
COMPLIANT

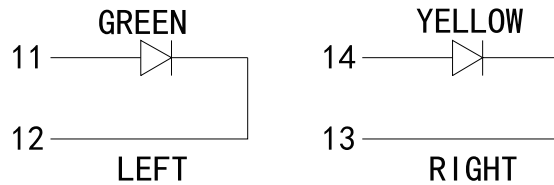


**Electrical:**

- 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.  
-1.2 dB Max 100~125MHz.
- Return loss: -16dB Min 1~40MHz;  
-12dB Min 40~60MHz.  
-10dB Min 60~80MHz.  
-8dB Min 80~100MHz.
- Cross talk: -30dB Min 1~100MHz;
- 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	565nm	20mA	2.2-2.4V
Yellow	585nm	20mA	2.1-2.5V



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RJ45 2X1 1000BASE  
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SYT21Q085DA2A2D057

SIZE  
A4  
UNITS  
MM[INCH]  
SACLE  
1:1  
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°

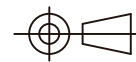
APPROVED BY:  
Geoffrey.Song  
CHECKED BY:  
Elvis.Song  
DESIGND BY:  
Sunny.Xu

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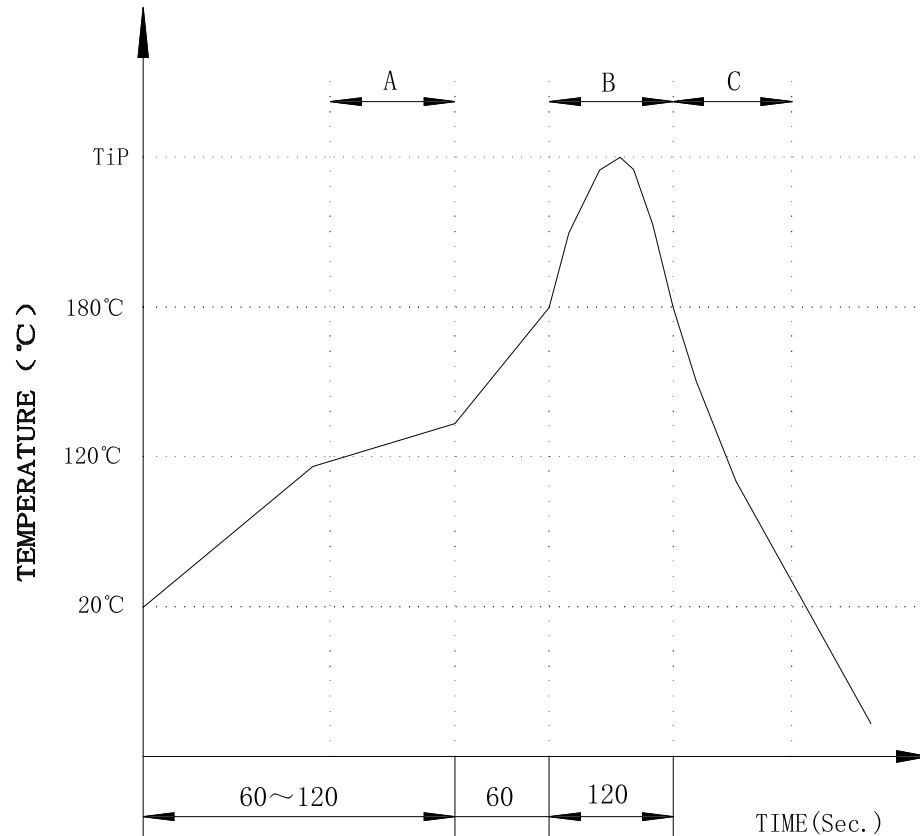
REMARK:

SHEET  
3/4



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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RJ45 2X1 1000BASE  
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SYT21Q085DA2A2D057

SIZE  
A4  
 UNITS  
MM[INCH]  
 SACLE  
1:1  
 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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 CHECKED BY:  
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REMARK:

SHEET  
4/4

