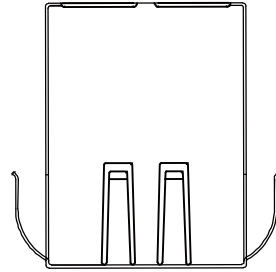
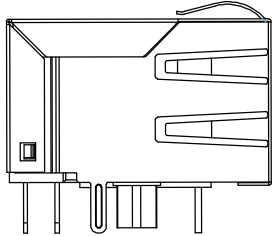


REACH & RoHS  
COMPLIANT

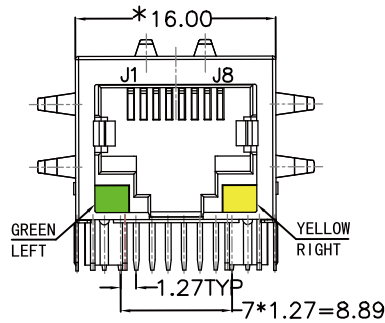
| REV. | ECN / DESCRIPTION | BY       | DATE      |
|------|-------------------|----------|-----------|
| A0   | NEW               | Sunny.Xu | 2017.11.8 |



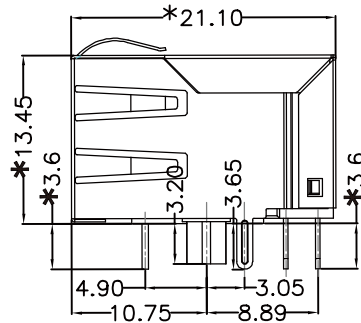
TOP VIEW



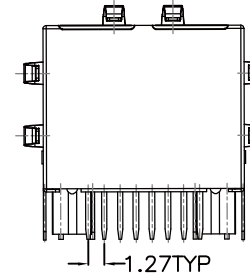
LEFT SIDE VIEW



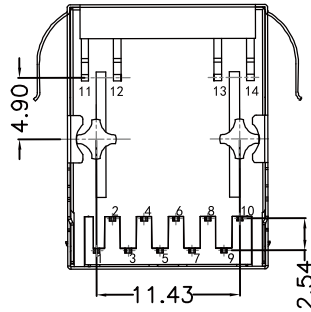
FRONT VIEW



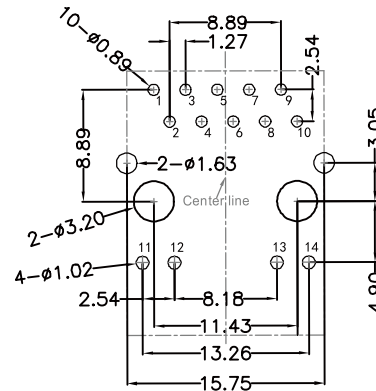
RIGHT SIDE VIEW



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

TITLE:  
TAB-DOWN 1X1 2.5G

PART NO.:  
SYT111Q652EA2A1D2

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.VOOHU.CN](http://WWW.VOOHU.CN)

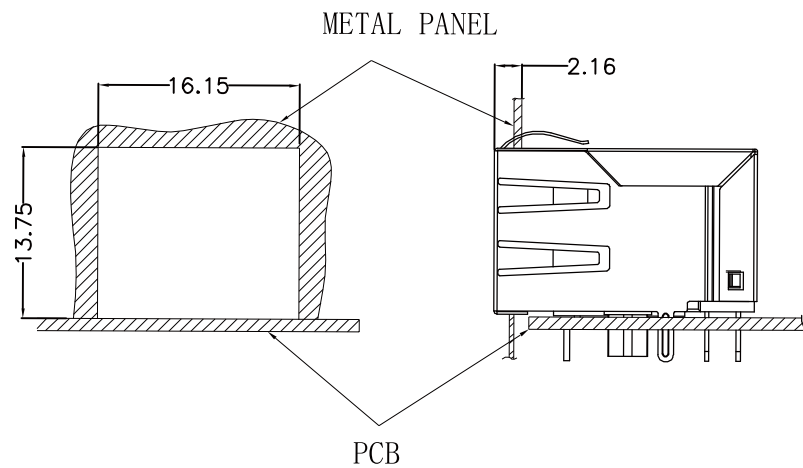
1  
2  
3  
4  
5  
6  
7  
8

REACH & RoHS  
COMPLIANT

| REV. | ECN / DESCRIPTION | BY       | DATE      |
|------|-------------------|----------|-----------|
| A0   | NEW               | Sunny.Xu | 2017.11.8 |

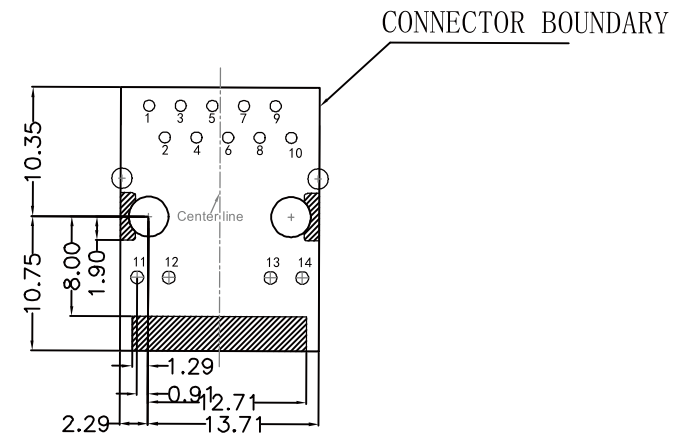
H  
G  
F  
E  
D  
C  
B  
A

RECOMMENDED PANEL CUTOUT(REFERENCE ONLY):



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

KEEP-OUT AREA(COMPONENT SIDE VIEW):



PLUG-IN SIDE

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

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PART NO.:  
SYT111Q652EA2A1D2

REMARK:

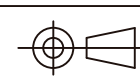
SIZE  
A4

SACLE  
1:1

SHEET  
2/4

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

|                 |                            |
|-----------------|----------------------------|
| $x \pm 0.35$    | $x^\circ \pm 3.0^\circ$    |
| $.x \pm 0.30$   | $.x^\circ \pm 2.0^\circ$   |
| $.xx \pm 0.25$  | $.xx^\circ \pm 1.5^\circ$  |
| $.xxx \pm 0.10$ | $.xxx^\circ \pm 1.0^\circ$ |

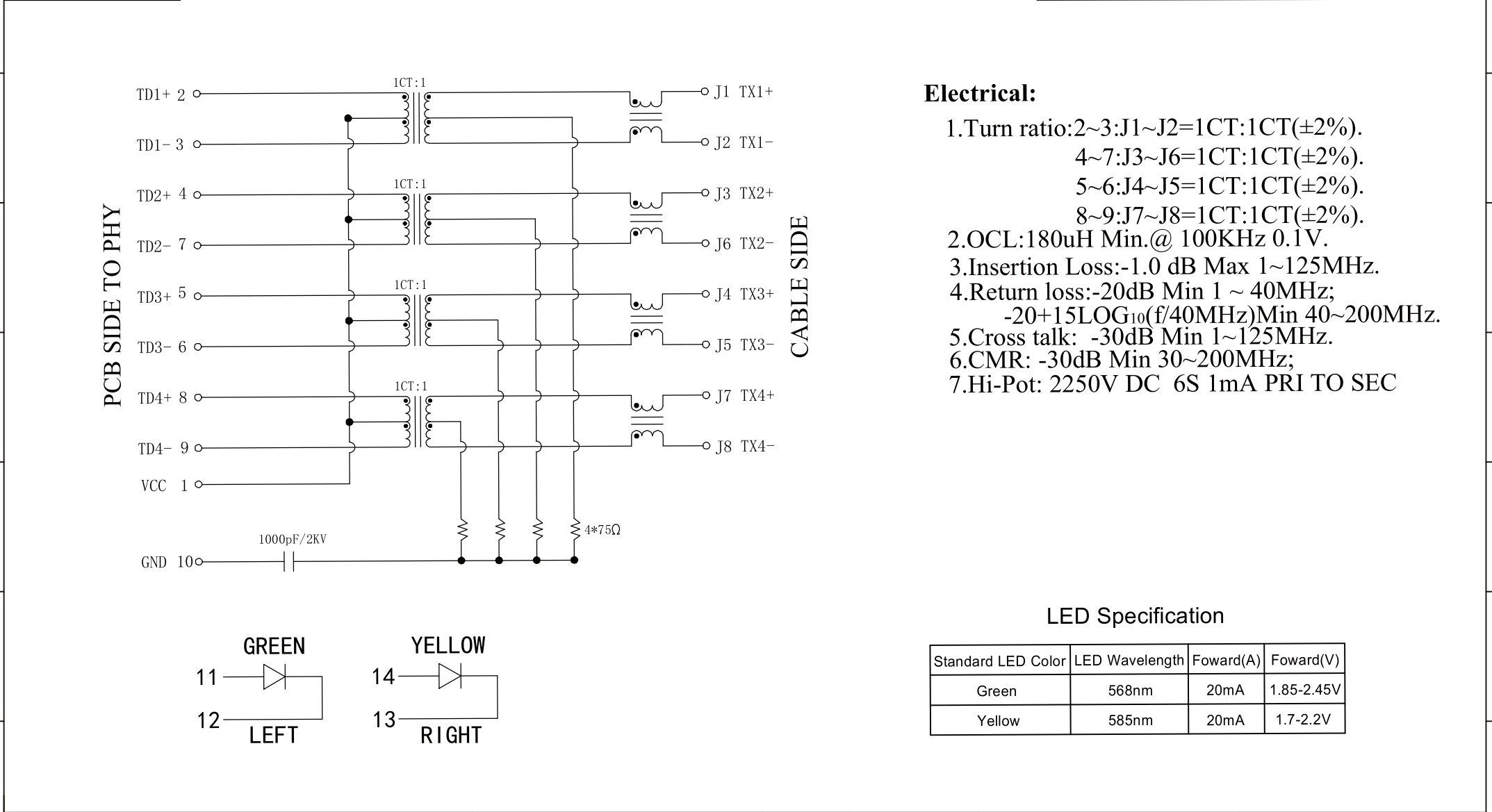
APPROVED BY:  
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1

2

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6

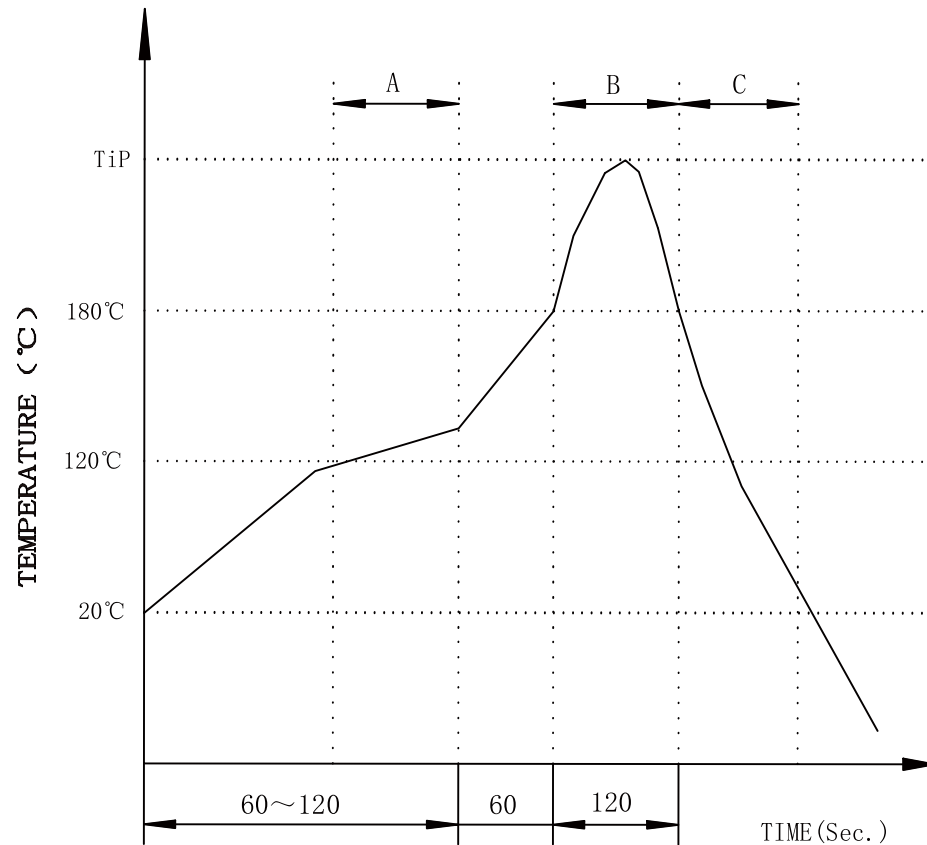
7

8

REACH & RoHS  
COMPLIANT

| REV. | ECN / DESCRIPTION | BY       | DATE      |
|------|-------------------|----------|-----------|
| A0   | NEW               | Sunny.Xu | 2017.11.8 |

## 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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Su Zhou Voohu Electronic Tech.Co.Ltd

TITLE:  
TAB-DOWN 1X1 2.5G

SIZE  
A4

UNITS  
MM[INCH]

GENERAL TOLERANCES  
UNLESS SPECIFIED

APPROVED BY:  
Geoffrey.Song

PART NO.:  
SYT111Q652EA2A1D2

SACLE  
1:1

REV  
A0

x±0.35 x°±3.0°  
.x±0.30 .x°±2.0°

CHECKED BY:  
Elvis.Song

TEL: +86 400 1048 018

WEB: [WWW.VOOHU.CN](http://WWW.VOOHU.CN)

REMARK:

SHEET  
4/4



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

DESIGND BY:  
Sunny.Xu