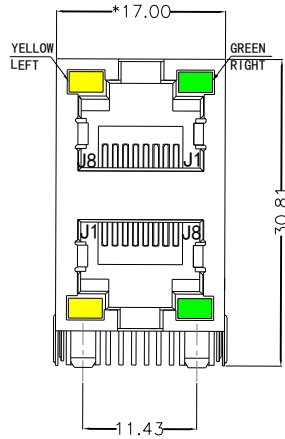
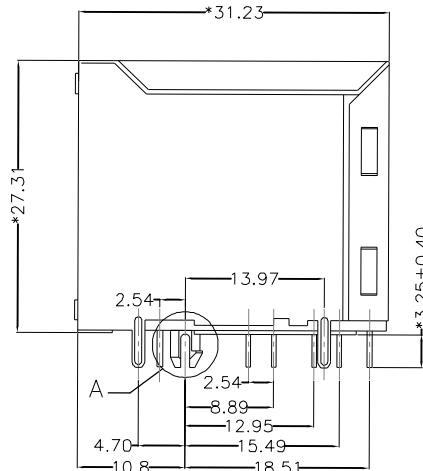


REACH & RoHS  
COMPLIANT

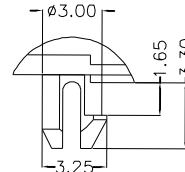
| REV. | ECN / DESCRIPTION | BY    | DATE      |
|------|-------------------|-------|-----------|
| A0   | NEW               | ZG.HU | 2017.11.8 |



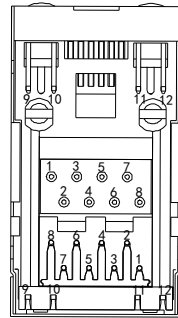
FRONT VIEW



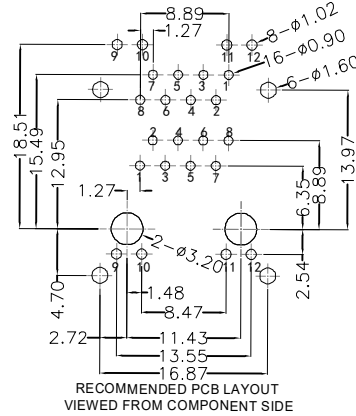
RIGHT SIDE VIEW



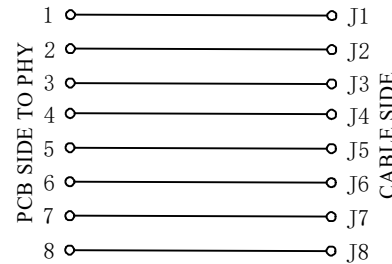
A(2:1)



BOTTOM VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE



#### MATERIAL:

HOUSING: PBT,UL94V-0,BLACK.  
TERMINAL: PHOSPHOR BRONZE Ø=0.46MM,  
6/FU" GOLD PLATING.  
SHIELD: C2680,T=0.20MM,20U" MIN NICKEL PLATING  
ON ALL AREA.

#### MACHANICAL:

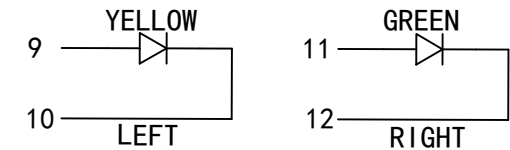
DURABILITY: 750 CYCLES MIN,12.5MM/MINUTE.  
INSERTION FORCE: 2.2KG.F MAX.  
RETENTION STRENGTH : 7.7KG.F BETWEEN JACK AND PLUG.  
OPERATING TEMPERATURE: -40℃~+85℃.  
STORAGE TEMPERATURE: -40℃~+85℃.  
ALL CRITICAL DIMENSIONS WITH "\*\*\*"

#### ELECTRICAL:

VOLTAGE: 125 VOLTS AC.  
CURRENT RATING : 1.5AMP.  
DIELECTRIC STRENGTH: 1000 VAC RMS 50HZ OR 60HZ,1MIN.  
INSULATION RESISTANCE: 500 MEGA OHMS MIN. INITIAL  
AFTER 500V DC FOR 1 MINUTE.  
CONTACT RESISTANCE: SINGLE TERMINAL 30 MILLIOHMS MAX.  
INITIAL 50 MILLIOHMS MAX. AFTER  
DURABILITY TEST.

#### 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   |



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

TEL: +86 400 1048 018

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

TITLE:  
5921 2X1 8P8C 带灯带屏蔽

PART NO.:  
SYT59212188AB1A1DY1FG

REMARK:

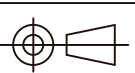
SIZE  
A4

SACLE  
1:1

SHEET  
1/1

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:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

DESIGND BY:  
Sunny.Xu