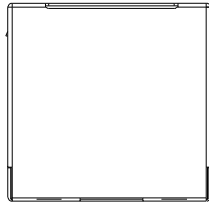
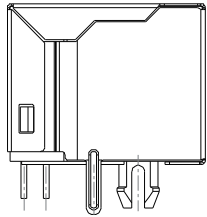


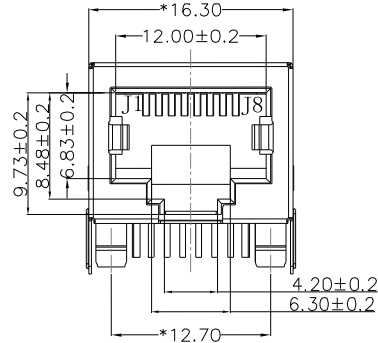
REACH & RoHS  
COMPLIANT



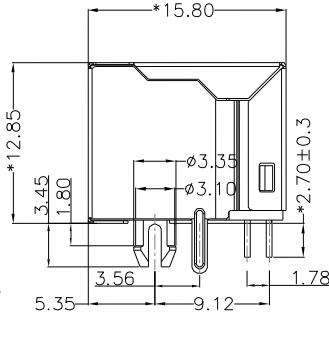
TOP VIEW



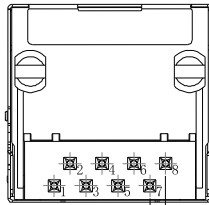
LEFT SIDE VIEW



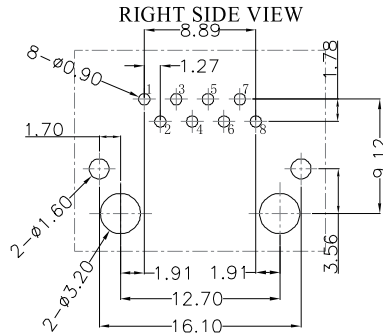
FRONT VIEW



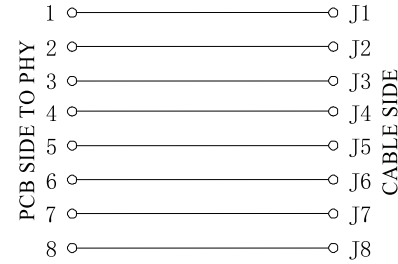
RIGHT SIDE VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE



**MATERIAL:**

HOUSING: PA66,UL94V-0,BLACK.  
TERMINAL: PHOSPHOR BRONZE  $\varnothing=0.46\text{MM}$ ,  
G/FU" GOLD PLATING ON CONTACT AREA.  
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.

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

TITLE:  
RJ45 56 带屏蔽

PART NO.:  
SYT56A1188GWA2DY1054

REMARK:

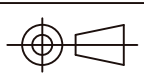
SIZE  
A4

SACLE  
1:1

SHEET  
1/2

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

$x\pm0.35$	$x^{\circ}\pm3.0^{\circ}$
$.x\pm0.30$	$.x^{\circ}\pm2.0^{\circ}$
$.xx\pm0.25$	$.xx^{\circ}\pm1.5^{\circ}$
$.xxx\pm0.10$	$.xxx^{\circ}\pm1.0^{\circ}$

APPROVED BY:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

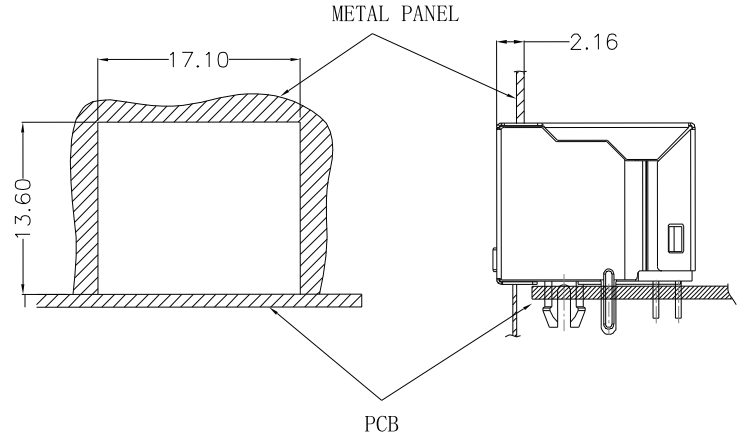
DESIGND BY:  
Sunny.Xu

TEL: +86 400 1048 018

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

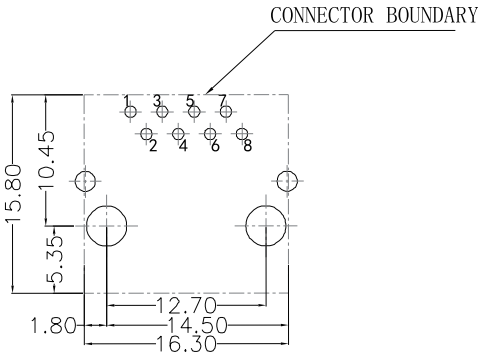
REACH & RoHS  
COMPLIANT

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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TITLE:  
RJ45 56 带屏蔽

PART NO.:  
SYT56A1188GWA2DY1054

REMARK:

SIZE  
A4

SACLE  
1:1

SHEET  
2/2

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