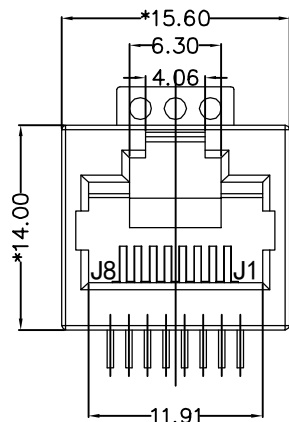
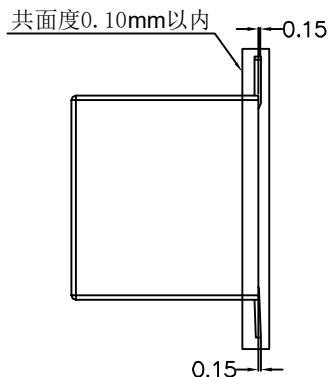


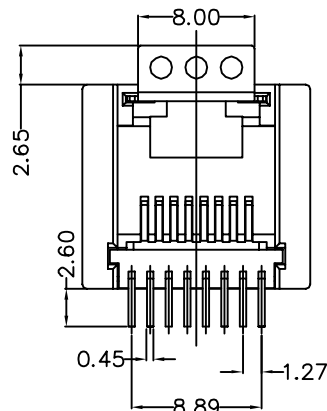
REACH & RoHS  
COMPLIANT



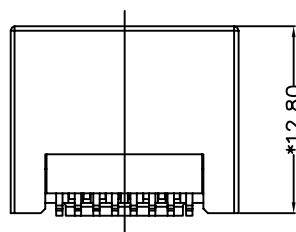
FRONT VIEW



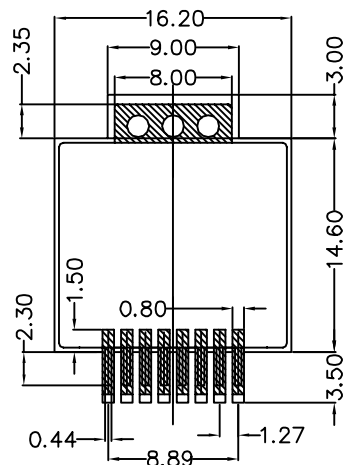
RIGHT SIDE VIEW



BOTTOM VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE

**MATERIAL:**

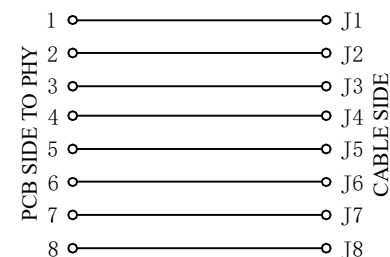
HOUSING: LCP, UL94V-0, BLACK.  
TERMINAL: PHOSPHOR BRONZE T=0.30MM, C5191, EH,  
3U" GOLD PLATING ON CONTACT AREA.

**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°C ~ +85°C.  
STORAGE TEMPERATURE: -40°C ~ +85°C.  
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:  
52D 180° SMT

PART NO.:  
SY52D1188IWW6SB3009

REMARK:

SIZE  
A4

SACLE  
1:1

SHEET  
1/1

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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