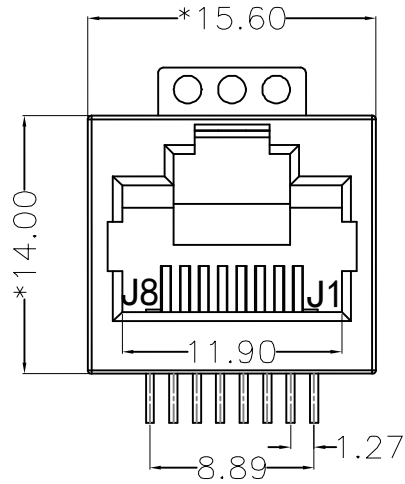
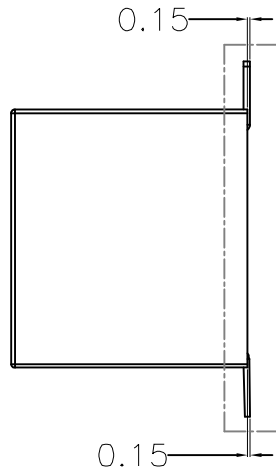


REACH & RoHS
COMPLIANT

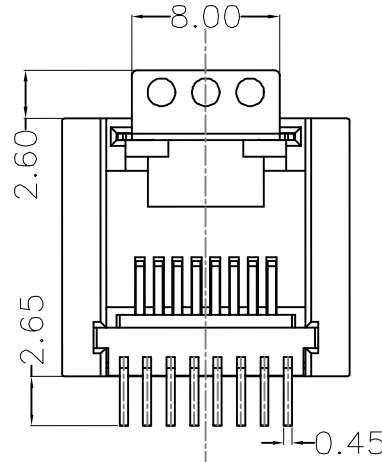
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	ZG.HU	2017.11.8



FRONT VIEW



RIGHT SIDE VIEW



BACK VIEW

MATERIAL:

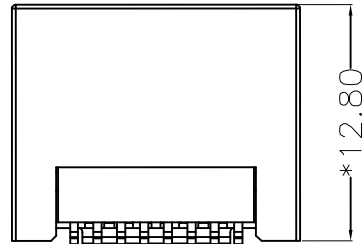
HOUSING: LCP,UL94V-0,BLACK.
TERMINAL: PHOSPHOR BRONZE T=0.30MM,
3U" GOLD PLATING ON CONTACT AREA.
SMT PIN MATERIAL: COPPER ALLOY T=0.35MM,

MACHANICAL:

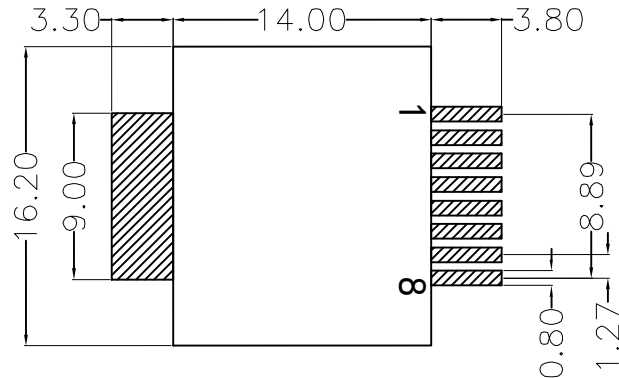
DURABILITY: 750 CYCLES MIN,12.5MM/MINUTE.
INSERTION FORCE: 2.2KG.F MAX.
RETENTION STRENGTH : 7.7KG.F BETWEEN JACK AND PLUG.
OPERATING TEMPERATURE: -40℃~+85℃.
STORAGE TEMPERATURE: -40℃~+85℃.
ALL CRITICAL DIMENSIONS WITH "±"

ELECTRICAL:

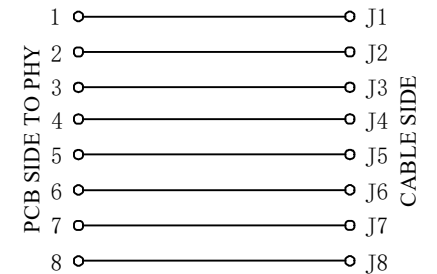
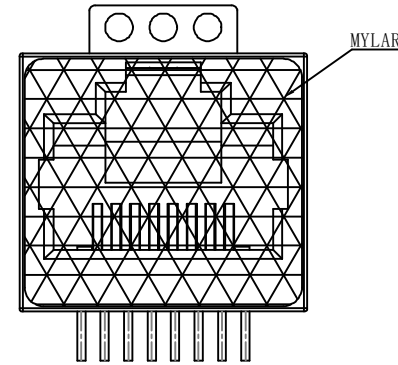
VOLTAGE: 125 VOLTS AC.
CURRENT RATING : 1.5AMP.
DIELECTRIC STRENGTH: 1000 VAC RMS 50HZ OR 60HZ,1MIN.
INSULATION RESISTANCE: 500 MEGA OHMS MIN. INITIAL
AFTER 500V DC FOR 1 MINUTE.
CONTACT RESISTANCE: SINGLE TERMINAL 30 MILLIOHMS MAX.
INITIAL 50 MILLIOHMS MAX. AFTER
DURABILITY TEST.



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE



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

TITLE:
52D 180° SMT 8P8C

SIZE
A4

UNITS
MM[INCH]

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:
Geoffrey.Song

PART NO.:
SYT52D1188IWW6SB3ML162

SACLE
1:1

REV
A0

$x \pm 0.35$
 $.x \pm 0.30$
 $.xx \pm 0.25$
 $.xxx \pm 0.10$

$x^\circ \pm 3.0^\circ$
 $.x^\circ \pm 2.0^\circ$
 $.xx^\circ \pm 1.5^\circ$
 $.xxx^\circ \pm 1.0^\circ$

CHECKED BY:
Elvis.Song

REMARK:

SHEET
1/1



DESIGND BY:
Sunny.Xu

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