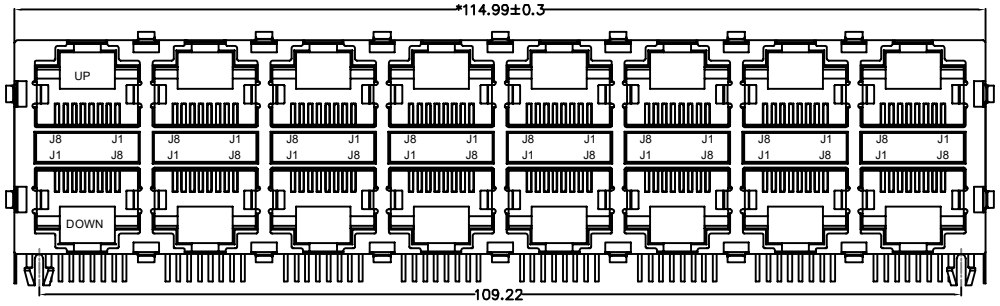
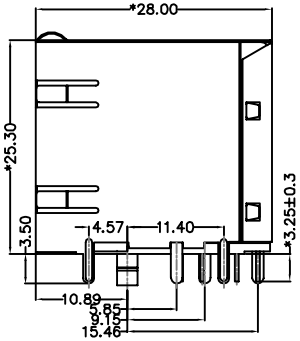
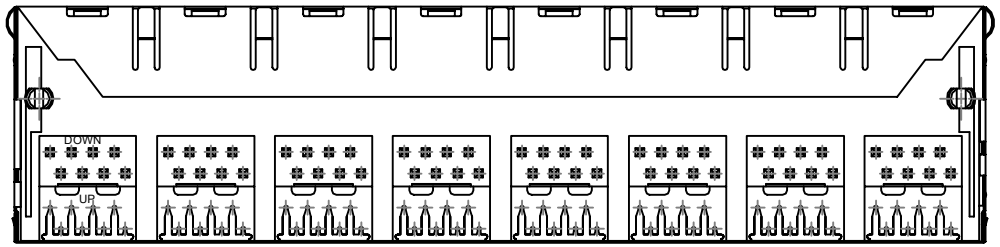
REACH & RoHS
COMPLIANT



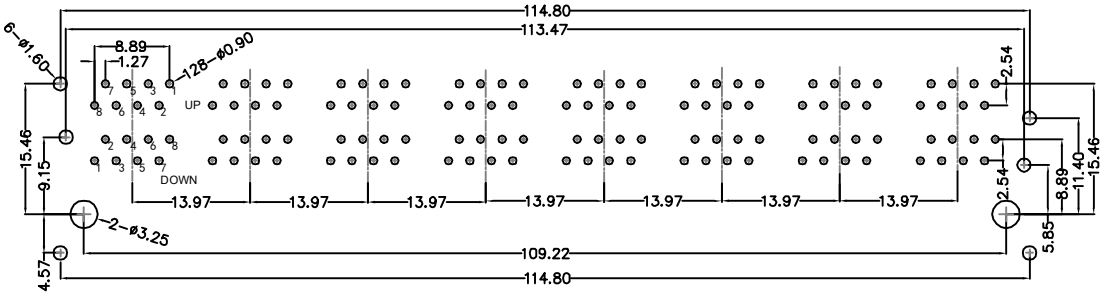
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW

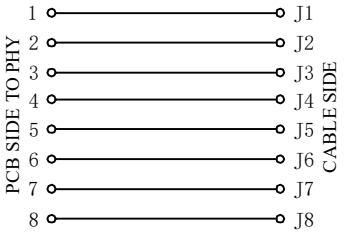


RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

**MATERIAL:**
HOUSING: PBT,UL94V-0,BLACK.
TERMINALS BRACKET: PBT,UL94V-0,BLACK.
TERMINAL: PHOSPHOR BRONZE Ø=0.46MM, G/FU" GOLD PLATING.
SHIELD: C2680,T=0.20MM,20 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°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.

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|---|---|---|---|---|---|
| VOOHU 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd | TITLE: RJ45 5921 2*8 8P8C | SIZE A4 | UNITS MM[INCH] | GENERAL TOLERANCES UNLESS SPECIFIED | APPROVED BY: Geoffrey.Song |
| | PART NO.: SYT59212888HWA1DY1A022短体 | SACLE 1:1 | REV A0 | x±0.35 / x°±3.0° | CHECKED BY: Elvis.Song |
| TEL: +86 400 1048 018 / WEB: WWW.WOHU-TEK.COM | REMARK: | SHEET 1/1 | | .x±0.30 / .x°±2.0° | DESIGND BY: Sunny.Xu |
| | | | | .xx±0.25 / .xx°±1.5° | |
| | | | | .xxx±0.10 / .xxx°±1.0° | |