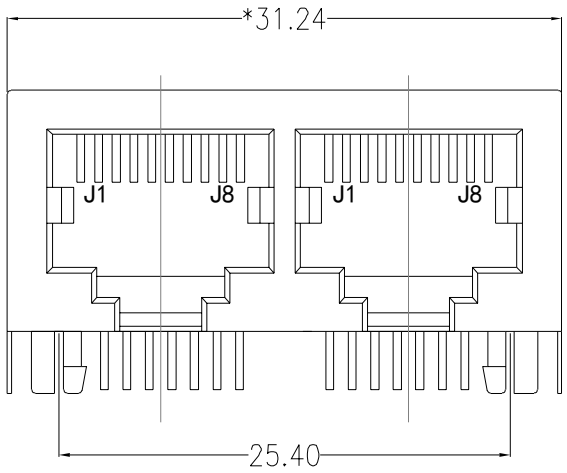
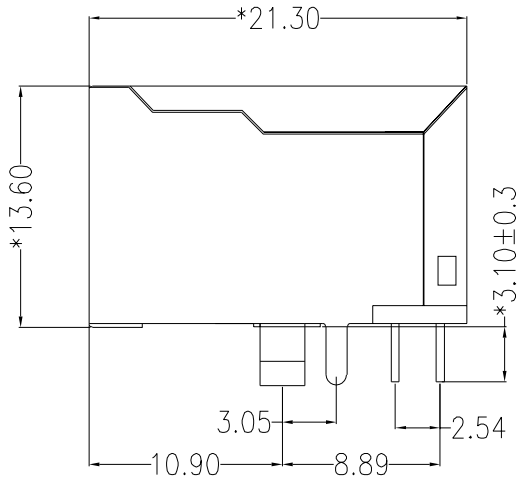
REACH & RoHS COMPLIANT




FRONT VIEW

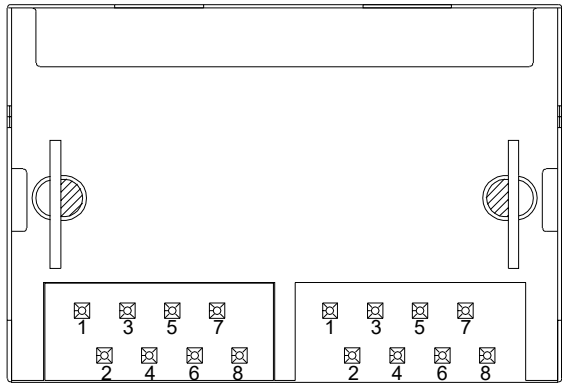



RIGHT SIDE VIEW

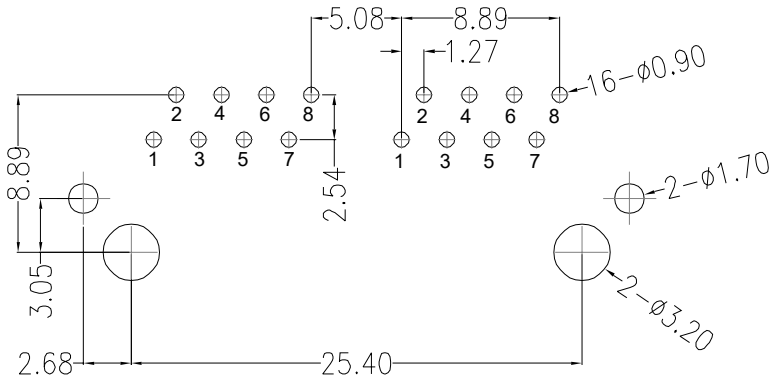
**MATERIAL:**
HOUSING: PA46,UL94V-0,BLACK.
TERMINAL: PHOSPHOR BRONZE Ø=0.46MM, 15U" GOLD PLATING.
SHIELD: C2680,T=0.20MM,20~50U" MIN NICKEL PLATING ON ALL AREA.

**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 "*"

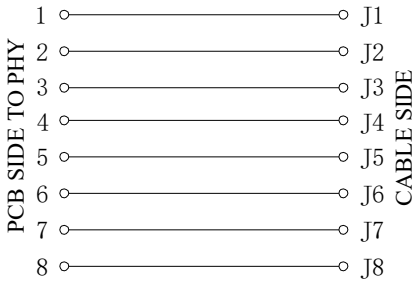
**ELECTRICAL:**
VOLTAGE: 125 VOLTS AC.
CURRENT RATING : 1.5AMP.
DIELECTRIC STRENGTH: 1000 VAC RMS 50HZ OR 60HZ,1MIN.
INSULATION RESISTANCE: 500 MEGA OHMS MIN. INITIAL AFTER 500V DC FOR 1 MINUTE.
CONTACT RESISTANCE: SINGLE TERMINAL 30 MILLIOHMS MAX. INITIAL 50 MILLIOHMS MAX. AFTER DURABILITY TEST.




BOTTOM VIEW




RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

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|---|---|---|---|---|---|
| 苏州沃虎电子科技有限公司 Su Zhou Voohu Electronic Tech.Co.Ltd | TITLE: RJ45 5921 1*2 10P8C | SIZE A4 | UNITS MM[INCH] | GENERAL TOLERANCES UNLESS SPECIFIED | APPROVED BY: Geoffrey.Song |
| | PART NO.: SYT59211218GWA3DY5027 | SACLE 1:1 | REV A0 | x±0.35 / x°±3.0° / .x±0.30 / .x°±2.0° | CHECKED BY: Elvis.Song |
| TEL: +86 400 1048 018 WEB: WWW.WOHU-TEK.COM | REMARK: | SHEET 1/1 | | .xx±0.25 / .xx°±1.5° / .xxx±0.10 / .xxx°±1.0° | DESIGND BY: Sunny.Xu |