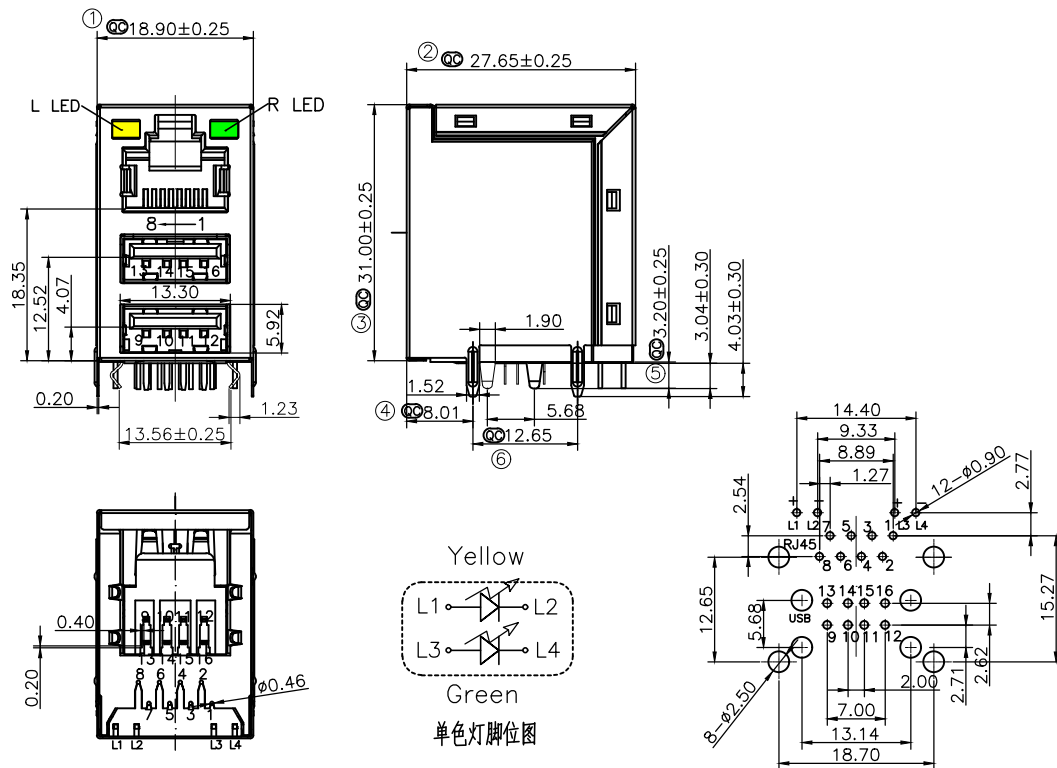


REACH & RoHS
COMPLIANT

MECHANIC SPECIFICATIONS:



P.C.B RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE.
ALL CENTERLINE DIMENSIONS ARE BASIC

NOTES:

- ELECTRICAL:**
- VOLTAGE RATING : 125 VAC RMS.
 - CURRENT RATING : 1.5 AMP.
 - CONTACT RESISTANCE : 50 MILLIOHMS MAX.
 - INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 500 VDC.
 - DIELECTRIC STRENGTH : 1000 VAC RMS 50Hz, 1MIN.
 - LED RATINGS : FORWARD VOLTAGE: 2.2 VOLTS TYPICAL.
REVERSE VOLTAGE: 5 VOLTS MAXIMUM.
- MECHANICAL:**
- HOUSING MATERIAL : GLASS FILLED POLYESTER(UL94V-0).
 - CONTACT MATERIAL : PHOSPHOR BRONZE ∅0.46mm.
 - PLATING : GOLD PLATING OVER NICKEL.
 - SHIELD: COPPER ALLOY(C2680) OR SUS . 0.20mm THICKNESS PLATING NI.
 - LED:OPTION
 - OPERATING LIFE : 750 CYCLES MIN.
 - PCB RETENTION PRE-SOLDER : 1 LB MIN.
 - PCB RETENTION POST-SOLDER: 10 LBS MIN.

ENVIRONMENTAL:

- STORAGE : -40°C TO +85°C.
 - OPERATION: -40°C TO +85°C.
 - WAVE SOLDERING TEMPRATURE: 235±5°C(5±0.5sec).
 - Harmful material control follow RoHS.
- MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

USB SPECIFICATIONS:

- 1.ELECTRICAL CHARACTERISTICS:**
- 1-1.CONTACT CURRENT RATING:1.5 AMPERS.
 - 1-2. CONTACT VOLTAGE RATING: 30 VDC.
 - 1-3.CONTACT RESISTANCE : 30 mOHMS MAX.
 - 1-4.DIELECTRIC WITHSTANDING VOLTAGE:500 VAC AT Sea Level.
 - 1-5.INSULATION RESISTANCE:1000 MOHMS MIN @500 VDC.
- 2.MECHANICAL CHARCTERISTICS:**
- 2-1.CONTACT MATING FORCE:35N(3.57kg) MAX.
 - 2-2.CONNECTOR UNMATING FORCE :10N(1.02kg) MIN.
 - 2-3.TERMINAL RETENION FORCE :9.8N(1kg) MIN.
 - 2-4.DURABILITY:1500 CYCLES.
 - 2-5.OPERATING TEMPERATURE:-40°C TO +85°C.
- 3.MATERIAL:**
1. HOUSING MATERIAL: PBT WHITE/BLACK(UL94V-0)
 2. CONTACT MATERIAL: COPPER ALLOY. PLATED GOLD IN MATING AREA;TIN ON SOLDER TALLS.
 3. SHELL: COPPER ALLOY /SPCC. PLATING NI.

PRINCIPAL	PROJECT	SEQUENCE NUMBER
IQC	DIMENSION INSPECTION	① ② ③ ④ ⑤ ⑥
IPQC		④ ⑤ ⑥

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

TITLE: RJ45+USB 2.0
JACK (18.9带灯无弹&分体式)
PART NO.:
WH8201078812101

SIZE
A4
UNITS
MM[INCH]
SCALE
1:1
REV
A0

GENERAL TOLERANCES
UNLESS SPECIFIED
x±0.35
.x±0.30
.xx±0.25
.xxx±0.10
x°±3.0°
.x°±2.0°
.xx°±1.5°
.xxx°±1.0°

APPROVED BY:
Geoffrey.Song
CHECKED BY:
Elvis.Song
DESIGNED BY:
Sunny.Xu

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REMARK:

SHEET
1/1

