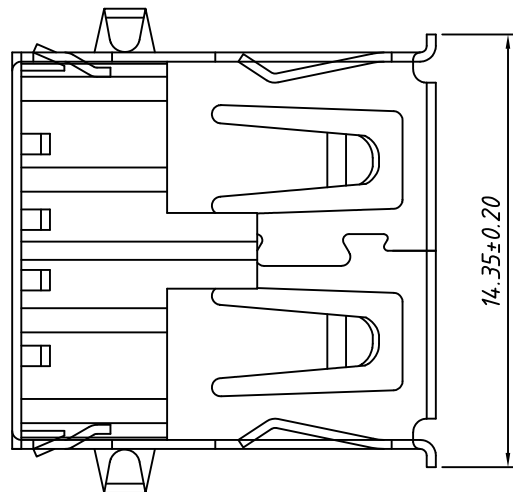
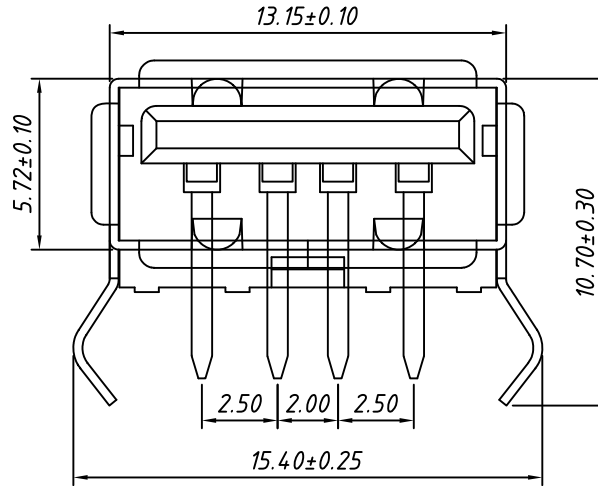
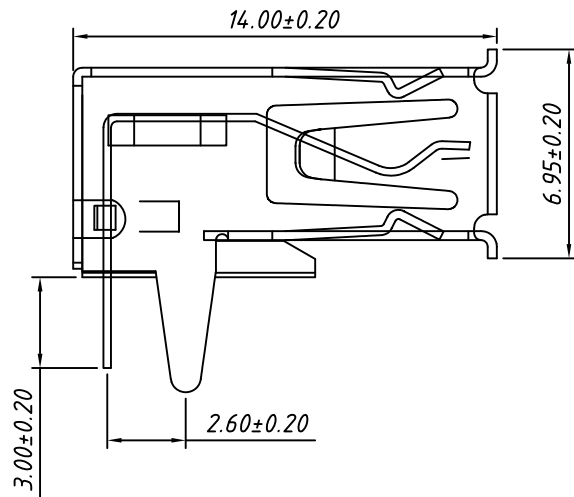


RECOMMENDED PCB LAYOUT  
TOLERANCE:  $\pm 0.05$

**Material**  
Housing: Hing Temperature Thermoplastic,  
UL 94 V-0 PBT, Black/White.  
Contact: Copper Alloy C2680.  
Shell: Copper Alloy C2680/SPCC.

**Finish:**  
Contact: Plated Gold In Mating Area;  
Tin On Solder Tails.  
Shell: Nickel Plating.

**Electrical:**  
Current Rating: 1.5A/Contact Terminal.  
Voltage Rating: 30V DC  
Contact Resistance: 30m $\Omega$  Max.  
Dielectric Withstanding Voltage:  
500 V AC AT Sea Level.  
Insulation Resistance: 1000M $\Omega$  Min.  
Connector Mate and Unmated Force  
Mate Force: 3.75kgf Max.  
Unmated Force: 1.02kgf Min.  
Terminal Retention: 1.2kgf Min.

#### Order Information

L-KLS1- 181A - B  
Color: W=White  
B=Black  
CONN USB 2.0  
RoHS

| GENERAL TOLERANCE |  | ANGLE TOLERANCE |  | PROJECTION |  | Description:                    | CONN COM TYPE A USB<br>Female R/A, Reverse<br>L-KLS1-181A-X |  |  |
|-------------------|--|-----------------|--|------------|---------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------|--|--|
| X. ±0.60          |  | X. ±5°          |  | UNITS      | mm                                                                                    |                                 |                                                             |  |  |
| .X ±0.38          |  | .X ±3°          |  | SHEET SIZE | A4                                                                                    |                                 |                                                             |  |  |
| .XX ±0.25         |  | .XX ±2°         |  |            | KLS P/N:                                                                              |                                 |                                                             |  |  |
| Draw by: Date     |  | 2018-03-01      |  |            |  | NingBo KLS ELECTRONIC CO.,L TD. |                                                             |  |  |
| Check by:: Date   |  | 2018-03-01      |  |            |                                                                                       |                                 |                                                             |  |  |
| SCALE             |  | SHEET           |  | OF         |                                                                                       |                                 |                                                             |  |  |