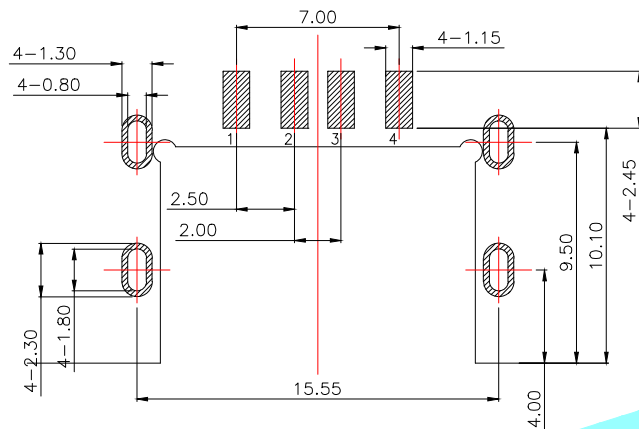
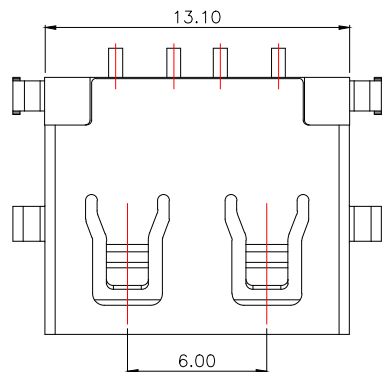
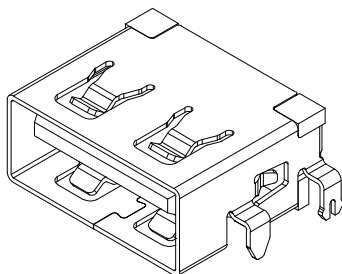
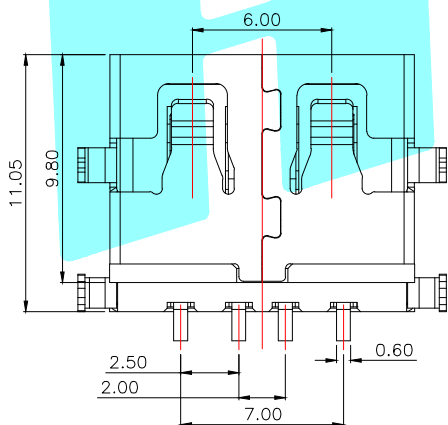
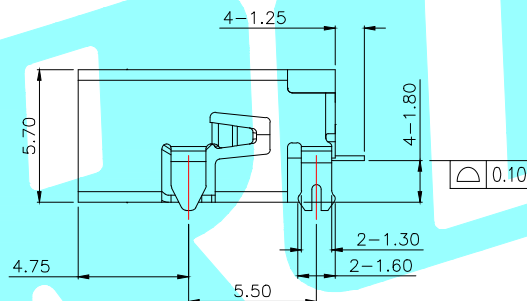
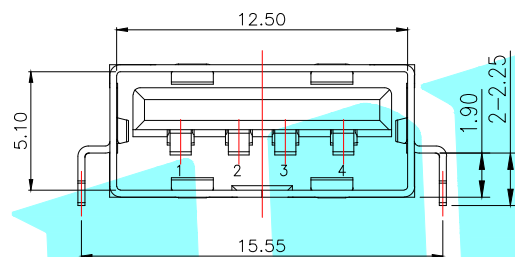


# ROHS



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$



### NOTES:

#### 1. MATERIAL

CONTACTS: COPPER ALLOY (T=0.20mm)  
SHELL: SPCC OR COPPER ALLOY (T=0.30mm)  
HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.

#### 2. ELECTRICAL PERFORMANCE

CONTACT RESISTANCE: 30MΩ MAX  
CONTACT CURRENT RATING: 1.5 AMPERES  
DIELECTRIC WITHSTAND VOLTAGE, 500V R.M.S  
INSULATION RESISTANCE: 100MΩ MIN  
OPERATING TEMPERATURE: -40°C ~ +85°C.



#### 3. MECHANICAL PERFORMANCE

INSERTION FORCE: 3.5kgf Max  
REMOVAL FORCE: 1.02kgf Min  
DURABILITY: 5000 CYCLES.

#### 4. PLATING SPECIFICATION:

CONTACTS: GOLD PLATED ON CONTACT AREA, Sn ON SOLDER AREA,  
NICKEL UNDERPLATED.  
SHELL: 80u" MIN BRIGHT NICKEL PLATING OVER ALL,  
NICKEL MUST BE SOLD RABILITY.  
HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0 .

Pin Number	Signal Name
1	VBUS
2	D-
3	D+
4	GND

APPROVALS		DATE		 ELECTRONICS CO., LTD													
DRAWN	LIUCAN	2021.6.21					TITLE:	USB CONNECTOR									
CHECKED				PART NO.	U-A-24DS-W-1												
APPROVALS				TOLERANCES ARE	<table border="1"> <tr> <td>30~以上</td> <td>±0.30</td> <td rowspan="4">ANGLE</td> </tr> <tr> <td>10~30</td> <td>±0.25</td> </tr> <tr> <td>5~10</td> <td>±0.20</td> </tr> <tr> <td>~ 5</td> <td>±0.15</td> </tr> </table>	30~以上	±0.30	ANGLE	10~30	±0.25	5~10	±0.20	~ 5	±0.15	UNIT: mm	SCALE: 1:1	PROJ: 
30~以上	±0.30	ANGLE															
10~30	±0.25																
5~10	±0.20																
~ 5	±0.15																
ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.	DRAWING NO.	SHEET 1 OF 1									