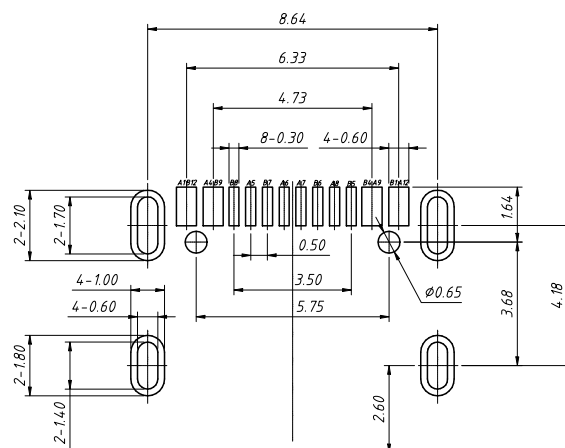
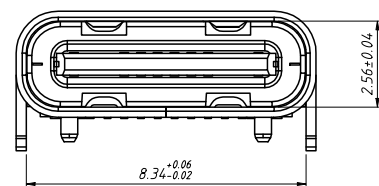
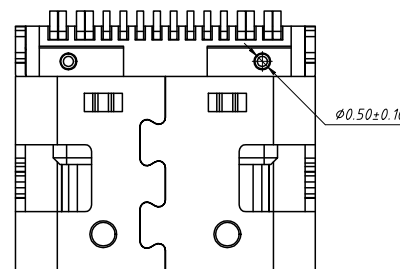
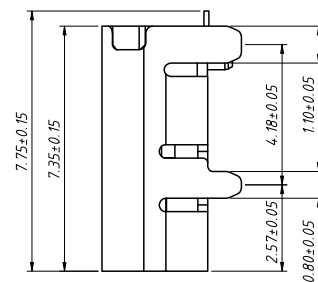
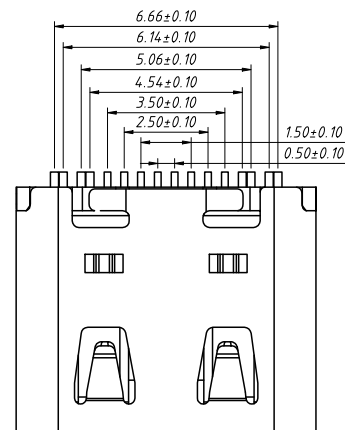
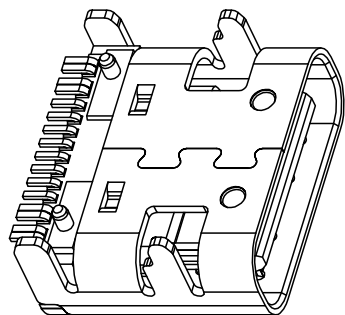


Pin	Signal Name	Pin	Signal Name
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND



Recommended PCB Layout
Tolerance Unspecified ±0.05mm

Product Edge



Material:

1.Housing:LCP+30%G.F,UL 94 V-0

2.Contact:C7025/C2680,50U" Nickel Plated Min.

Contact area Au 1u",Solder area Gold plating G/F

3.Shell:SUS201/SUS304 T=0.30mm,Nickel plated surface 50u"Min

4.Middle clip: SUS301

Electrical:

1.Current Rating: 3A/5A

2.Contact Resistance: 40mΩ Max (initial value)
50mΩ MAX (after test)

3.Insulation Resistance: 100MΩ Min.

4.Voltage: 100V AC R.M.S

5.Insertion Force : 5N~20N,Unmating Force: 8N~20N

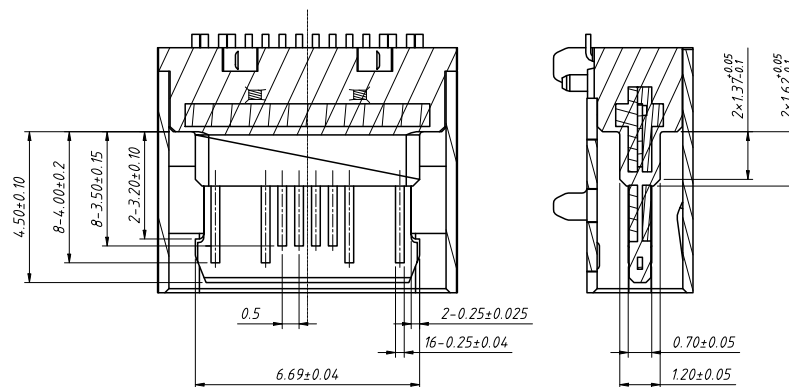
6.Durability:10000 Cycles

7.High temperature resistance:SMT Reflow soldering(peak value 260 ±5 °) Plastic can not have foaming, melting, discoloration, warping deformation within the tolerance range;

8.Soldering test shall be carried out for the product, and the area of tin adhesion shall be more than 95%;

9.Salt spray test: 24H MIN

10.Operating Temperature:-30℃ TO +85℃.



ANGLE TOLERANCE	PROJECTION	Description:	16P SMD USB 3.1 type C connector female socket	
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS1-54.16S
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	Daniel	2022-10-24	NingBo KLS ELECTRONIC CO.,L TD.
x.xxx ±0.10	Check:	Daniel	2022-10-24	