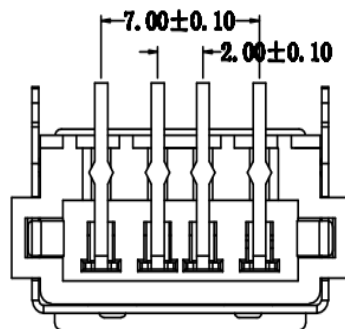
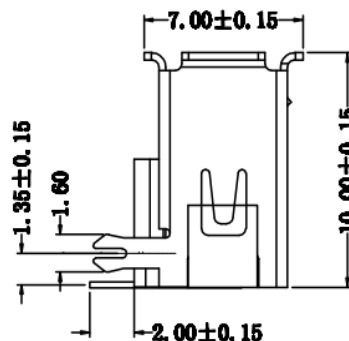
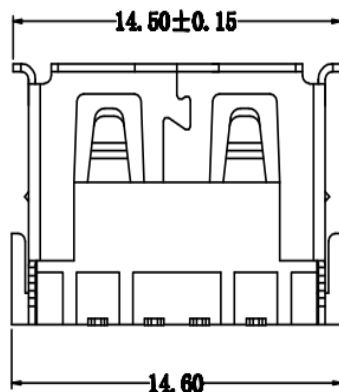
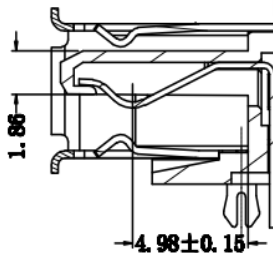
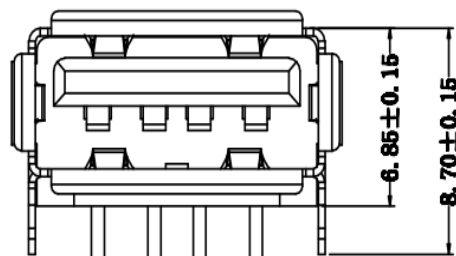


RECOMMENDED PCB LAYOUT

Specifications:

Electrical:

1. Current Rating 1.5A/contact terminal
2. Voltage Rating 30V DC
3. Contact Resistance 30 milliohms MAX
4. Dielectric Withstanding Voltage: 500 V AC AT Sea Level
5. Insulation Resistance: 1000MEGA ohms MIN

Mechanical:

1. Connector Mate and Unmate Force
Mate force:3.57kgf (MAX)
Unmate force:1.02kgf (MIN)
2. Terminal Retention 1.0kgf (MIN)

Material:

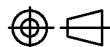
1. Housing: Hing Temperature Thermoplastics, U1 94V-0 PBT White/Black
2. Contact: Copper Alloy C2680 T=0.20MM
3. Shell: Copper Alloy C2680/SPCC T=0.30MM

Finish:

- 1.Contact:Plated Gold in Mating Area;
Sn ≥ 100U"Ni ≥ 40U"Au=1U"/3U"/5U"/...
- 2.Shell:Nickel Plating
12H(Cu ≥ 80U"Ni ≥ 60U")
24H(Cu ≥ 100U"Ni ≥ 80U")
48H(Cu ≥ 120U"Ni ≥ 100U")

...

Odimension marked must be controlled in QIP.

PRODUCT CHART DWG				Shenzhen Kinghelm Electronics Co., Ltd.			www.kinghelm.net		
				KH-AF90HC-10JB-H6.8					
TOLERANCE UNLESS OTHERMSE				UNITS	MM	DRAWING		PRODUCT PART NO.	
				SCALE	1:1	CHKD		PRODUCT NO.	USB A/F Socket with Rolled Edge on Back Two Legs (Short Body 10.0mm, Height=6.8mm)
X.	±0.25	X.	±5.°	DATE	2017.03.16	APPD		VIEW	
.X	±0.20	.X	±2.°					VER	A0
.XX	±0.15	.XX	±1.°						
.XXX	±0.10	.XXX	±0.5°						