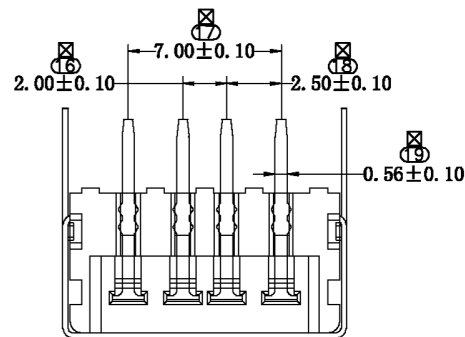
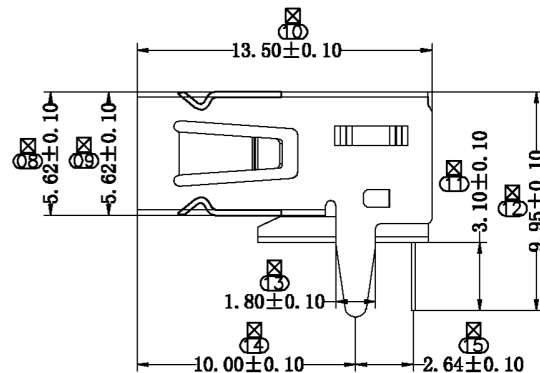
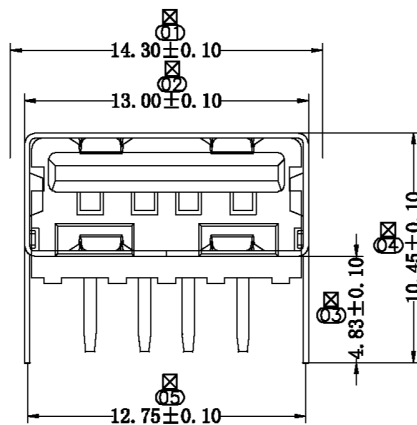
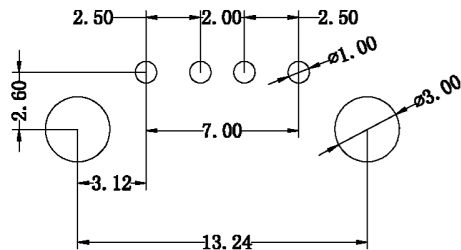


ROHS Compliant

Kinghelm®



Remarks:

1.Materials:

Shell: SPCC fine matte / C2680-H

Terminals: C2680-EH

Plastic: Environmentally friendly PBT (White)

2.Plating Specifications:

Shell: Fully plated with bright nickel 120μ" Min, compliant with RoHS standards.

Terminals: First plated with 80~100μ" nickel as a base layer, followed by gold plating on the contact area and bright tin plating 120μ" Min on the soldering area.

3.Appearance:

No stains, mold marks, dents, misalignment, or other defects are allowed.

4.Salt Spray Test Requirements:

24-hour test, corrosion grade must be 9.8 or above.

5.Plastic Core Destruction Test:

Must withstand >2.0Kgf.

The plastic core must endure 260°±5°C for one minute.

6.Terminal Retention Force:

Each pin must withstand >8N.

Before soldering to the PCB, the shell and plastic core must have a retention force of >2Kgf.

Riveting force requirement: 1.5Kgf, measured at the closest joint line.

7.Dimensions marked with "⊠" are for QIP inspection.

8.Dimensions marked with "⊠" are for FAI full inspection.

9.Electrical Performance:

Withstanding Voltage: AC 500V/1MIN

Insulation Resistance: 1000M MIN

Contact Resistance: 30m MAX

10.Mechanical Performance:

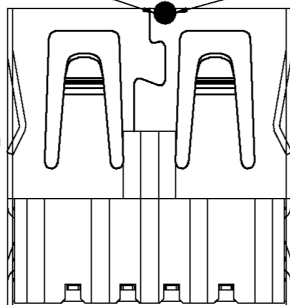
Initial Mating Force:

A. Insertion Force: 3.57Kgf Max

B. Withdrawal Force: 0.70Kgf Min

接合線要密封良好,不可有错位及间隙,不可>0.05 MAX;

铆合力测试点(压翻边,需要在最接近接合线的位置)≥1.5kg



视角:	未注公差:	Shenzhen Kinghelm Electronics Co., Ltd.		www.kinghelm.net	
⊠	.000 ±0.03 .00 ±0.05 .0 ±0.10 角度 1°	KH-AF90ZJ-13.5		0755-83044319	
Name	USB-A Female 90° Finished Product (No Back Cover, No Flange, Straight Pins)		绘 制	Page	1/1
Part No.			设 计	Version	A
Customer Part No.			审 核	Scale	1:1
Drawing Type	Finished Product Drawing		核 准	Unit	mm