

**RoHS2.0**  
Compliant

**NOTE:**

**1 Material:**

- 1.1 Adhesive core: LCP UL94 V-0
- 1.2 terminal: G2680, T 0.2mm; Bottom, gold plated
- 1.3 shell: SUS201/304 Nickel plated surface

**2. Electrical characteristics:**

- 2.1. Contact area: contact resistance 40mΩ Max, 10 mΩ variation allowed. Test conditions: 20 mV, 100 mA measurement
- 2.2. Contact current: 3A VBUS pin; 1.25AHTGND pin; 0.25A for other pins
- 2.3. Rated electricity: 5V
- 2.4. Electrically resistant to electricity: 100VAC
- 2.5. Insulation resistance: 100 megaohms less

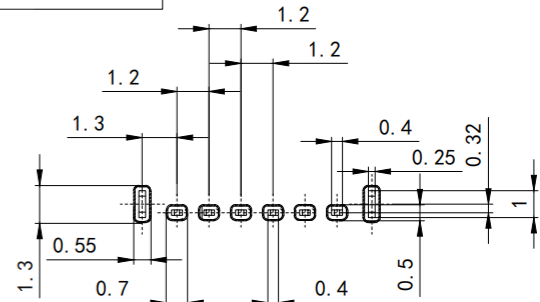
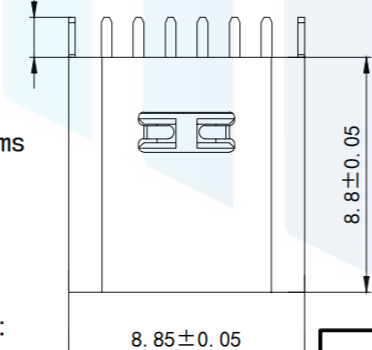
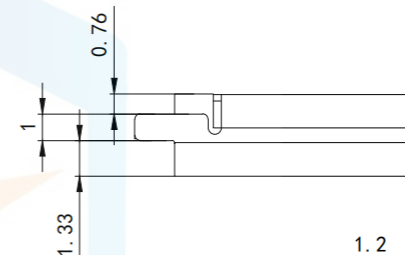
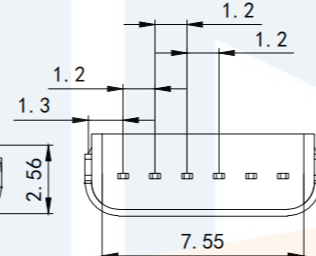
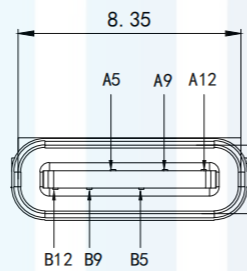
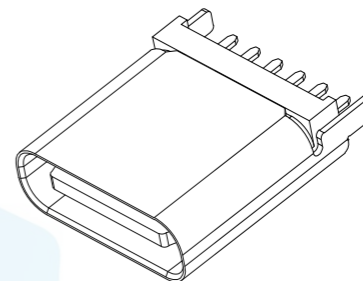
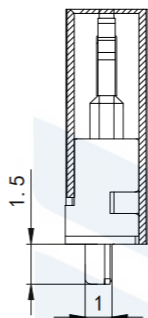
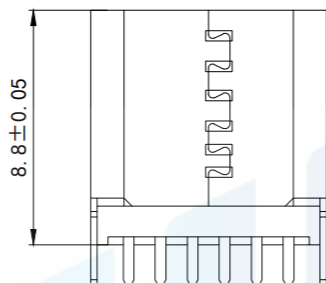
**3. Mechanical properties:**

- 3.1. Insertion force: 0.5-2.0Kg
- 3.2. Pull-out force: 0.6-2.0Kg
- 3.3. Number of plugging and unplugging: 10000 times.

- 4. Working environment: -20° C to +85° C
- 5. Soldering heat resistance: the terminal is immersed in a tin bath at 250+5° C;

It lasts 3-5S+0.5Scc, and the tin-staining area is more than 95%%.

- 6. Appearance: The parts can withstand the following welding conditions: temperature 250° C, time 8-10 seconds, no damage and deformation in appearance



**USB TYPE C PIN ASSIGNMENTS**

Pin	Signal Name	Pin	Signal Name
		B12	GND
		B9	VBUS
A5	CC1		
		B5	CC2
A9	VBUS		
A12	GND		

RECOMMENDED P. C. B. LAYOUT  
TOLERANCE UNSPECIFIED +0.05mm

<b>TOLERANCE</b> X. XXX ±0.05 X. XX ±0.15 X. X ±0.20 X. ±0.30 ANGLE ±5.0°		<b>东莞市恒祺电子科技有限公司</b> Dongguan Hengqi Electronic Technology Co., Ltd	
		<a href="https://www.hq-dz.com">https://www.hq-dz.com</a> phone:15812872448	
<b>PROTECTON</b> 	<b>DRAWN:</b> _____ <b>CHECKED:</b> _____ <b>APPROVED:</b> _____	<b>TITLE:</b> TYPE C 6P立插L=8.8	
		<b>PART NO:</b> TYPE-C6P-LC1018	
		<b>DRAWING NO:</b> 8.85*8.8*3.06	
		<b>DATE:</b> 18-10-08	<b>UNIT:</b> mm
		<b>DATE:</b> 18-10-08	<b>SCALE:</b> FULL
		<b>DATE:</b> 18-10-08	<b>SIZE:</b> A4