

Recommended P.C.B Layout
(PCB Board Tolerance ±0.05)

USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
B12	GND	B12	GND
A5	CC1	B9	VBUS
A9	VBUS	B5	CC2
A12	GND		

④	CAP	ICP.U1.94V-0 BLACK	1 PCS	U6P06F-100-101
③	Shell	ZINC ALLOY/NI30U" Min PLATED	1 PCS	U6P06F-100-103
②	Contact	C2680.TIN80U" Au 1U"NI30U" PLATED	6 PCS	U6P06F-100-102
①	1MD HOUSING	ICP.U1.94V-0 BLACK	1 PCS	U6P06F-100-101

Item	Parts Material	Specification	Qty	Note	P/N
④	ICP.U1.94V-0 BLACK		1 PCS		U6P06F-100-101
③	ZINC ALLOY/NI30U" Min PLATED		1 PCS		U6P06F-100-103
②	C2680.TIN80U" Au 1U"NI30U" PLATED		6 PCS		U6P06F-100-102
①	1MD HOUSING		1 PCS		U6P06F-100-101

- NOTES:
1. 电特性(Electrical Characteristics):
 - 1.1. 额定电流(Current Rating):3A For VBUS;1.25A for GND pin;0.25A for other.
 - 1.2. 接触电阻(Contact Resistance): 40mΩ Max.
 - 1.3. 耐压值(Dielectric Withstanding Voltage):100V AC R.M.S.
 - 1.4. 绝缘电阻(Insulation Resistance): 100MΩ Min.
 2. 机械性能(Mechanical):
 - 2.1. 插入力(Insertion Force):5- 20N Max.
 - 2.2. 插拔力(Unmating Force):8-20N/6-20N after 5000 times

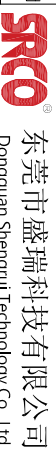
- ① U - 6 P 06 F - LP C X - W 0 B N - X
- ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬
- ① U= USB Connector Series
- ② 1= A type/2=B type/3=3.0USB type/4=Micro USB/5=Mini USB/6=C type
- ③ P=PCB type/S=Soldering type/
- ④ XX=No. of Pins
- ⑤ M=Male type/ F=Female type
- ⑥ PBT/6= Nylon 66/4= Nylon 46/6T= Nylon 6T/9T= Nylon 9T /LP=ICP/PS= PPS
- ⑦ C=Copper Alloy/B=Brass/P=Phosphor Bronze/H=High conductivity copper
- ⑧ Plating/0=None/1=Tin Bright/G=Gold Flash Plating/1=Tin Matte/2=3u" Gold/3=5u" Gold/4=10u" Gold/5=15u" Gold/6=20u" Gold/7=30u" Gold/8=Nickel Plating/S=Silver Plating/H=Half of Gold Tin
- ⑨ X=V= Vertical Dip type/R= Right Angle Dip type/L=Vertical Smt Type/W=Right Angle Smt Type/S=Special P.C.B Model
- ⑩ Shell/0=General shell/1=Copper shell/2=Stainless steel shell
- ⑪ Insulator Color: B=Black/W=White/ E=Blue/V=Violet
- ⑫ Note/0=General/1=Leg DIP+Reg Option/E=Insulator Height/6.6mm/A=6.5 mm/B=6.8/C=8.8/D=9.3/F=10.0/G=10.5/N=N type
- ⑬ Packaging: 1=PE bag/2=tube/3=1tape Reel/Hot tape Reel/5=PVCTray

说明:

1. 标示"☆"为PQC重点检测尺寸。
2. 产品不能有压伤变形，摸痕。
3. 产品毛边0.03mm Max.

修正 Revisions

Rev.	修正 Revisions	修正日期
A.01	B9-CXf-40-3CWX-X	Tong 2010/05/27
A.02	变更新料号,增加管控码	Tong 2018/09/17
B.01	废止旧料号,立新料号	Tong 2019/11/22



东莞市盛瑞科技有限公司
Dongguan Shengrui Technology Co., Ltd.

TEL: 86-769-8216714/87988775 MAIL: srco@dsrco.com

机型 Model	客规 Customer P/N	盛瑞料号 Part No.	环境标准 Environmental standard	RoHS	第三角投影 Third angle projection	设计 Design	日期 Date	核准 Approved/ian	审核 Checked	安规 Safety	製圖 Draw	日期 Date	圖名 Description
		U-6P06F-PC1-W08N-3	U-6P06F-PC1-W08N-3	RoHS		設計	Tong	12/29/19			製圖	12/29/19	TYPE C 8PIN 母座 板上筒易无弹