



RECOMMENDED PCB LAYOUT

### Specification

MATERIAL:  
Contact: Copper Alloy C5191(铜)  
SHELL: Copper SUS

PLATING:  
Contact: Plated 50u" Ni contact, Pad Au (镀底50u全部, 接触面1u, 焊脚锡80u)  
Shell: Ni50u over(镀底50u)

Specification:  
1.Mating Force:35N Max (插入力: 35牛最大)  
2.Unmating Force:10N(拔出力: 10牛)  
3.Durability: 5000 Cycles min(寿命)  
4.Current:1.5A(额定电流1.5A最大)  
5.VOLTAGE:30V MAX(额定电压40V最大) Ω  
6.CONTACT RESISTANCE:100M MAX.(端子接触电阻: 100m 最大)  
8.INSULATION RESISTANCE:100MN MIN.(绝缘阻抗: 100兆欧最小)  
9.OPERATING TEMPERATURE RANGE:-40.C TO +85.C (工作环境: -40度到+85度)



Pin NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
Shell	Shield

DESIGN	MISS ZENG	SC ALL		TOLERANCE	ANGLES
DRAWING	MISS LI	ANI T	mm	X.X ± 0.25	±1
CHECK	Mr. ZENG	SIZE	A4 : 210*297	X.XX ± 0.15	
APPROVAL		VERSION	01	X.XXX ± 0.10	

品名: USB连接器  
型号: USB2.0沉板点焊



**东莞市航宏电子科技有限公司**  
Dongguan Hanghong Electronics Co., Ltd.