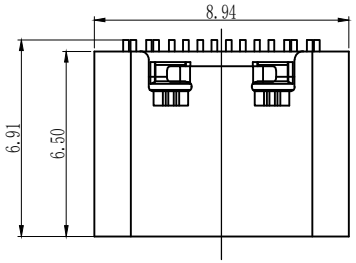
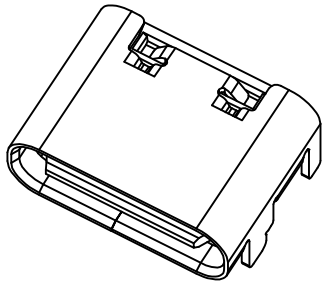
版 本	变 更 内 容	工程确认	日 期





TYPE C USB技术要求:

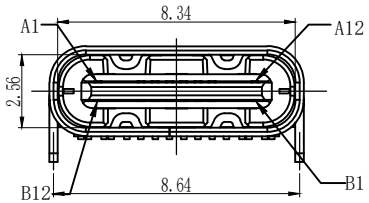
1.电气性能
- 1.1.额定电流 3A/5A.
- 1.2 额定电压：5V.
- 1.2.耐电压: 500 V(AC) for 1 min.
- 1.3.接触阻抗: 40mΩ Max.
  可靠性和环境测试后阻抗变化不得超过10mΩ.
- 1.4.绝缘阻抗: 100 MΩMin.

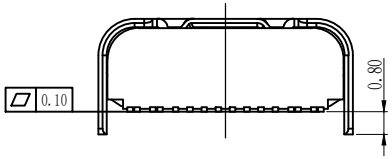
2.机械性能
- 2.1 插入力: 5-20N. 拔出力: 6-20N.
- 2.2 寿命测试：5000/10000cycles Max.
- 2.3 推力：50N min.
- 2.4 剥离强度：150N min.
- 2.5 扭曲强度：0.75Nm

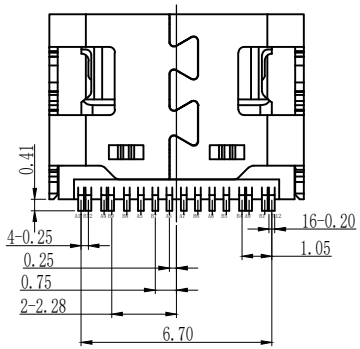
3.材料要求
- 4.1 胶芯材料：LCP/PA9T
- 4.2 外壳材料：SPCC/C2680/SUS304
- 4.3 端子材料：C2680/C5191/C7025

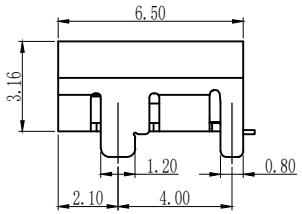
4.盐雾要求：24H/48H

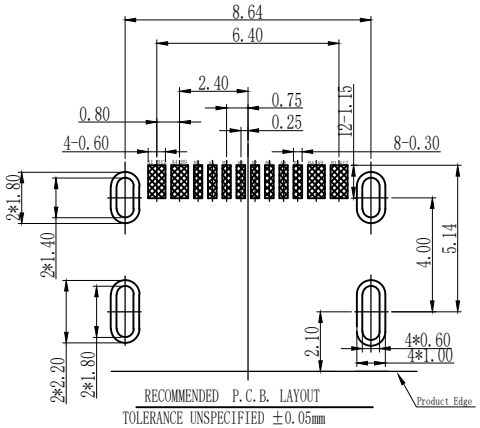
5.工作温度：-20° C～85° C











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

东莞市博众电气有限公司
Dongguan Bozhong Electrical Co., Ltd

品名(ITEM NO)	Type C 母座 16P 板上 贴片 L=6.5	页码(SHEET)	1/1
料号(PART NO)	BTC-TC16-265	版本(REV)	A1
图号(DWG NO)		日期(DATE)	2021.10.12
		设计(DESIGN)	LUO
		审核(CHECKED)	ROGER LI
		核准(APPROVED)	ROC ZHAO

单位(UNIT)：MM
比例(SCALE)

未注公差
TOLERANCE UNSPECIFIED

X.X	±0.20
X.XX	±0.15
X.XXX	±0.10
X°	±5°
X.X°	±2°

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