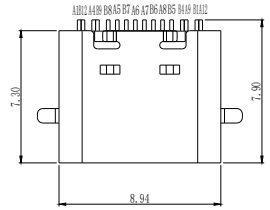
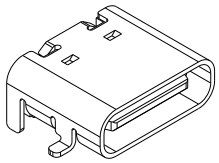
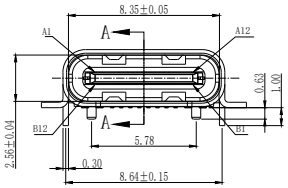
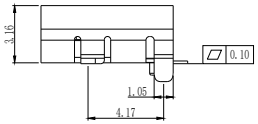
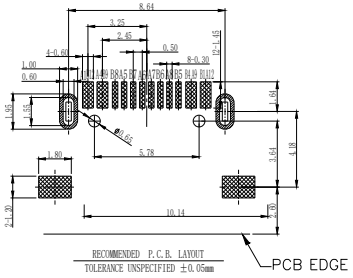
版本	变更内容	工程确认	日期

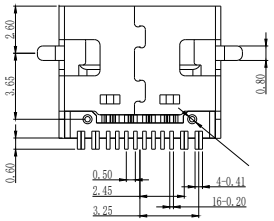


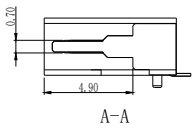












TYPE C USB技术要求:

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

PIN	SIGNAL NAME	PIN	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

深圳市怡远科技有限公司
SHENZHEN YIYUAN TECHNOLOGY CO.,LTD

品名(ITEM NO)	Type C 母座 16P 板上 SMT L=7.3 前贴 后插
料号(PART NO)	YTC-TC16-273B
图号(DWG NO)	

页码(SHEET)	1/1
版本(REV)	A1
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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