



RECOMMENDED PCB LAYOUT

**规格: Specifications:**

**电气: Electrical:**

1. **额定电流 Rating:** 1.0A/contact terminal
2. **额定电压 Rating:** 30V DC
3. **接触电阻 Contact Resistance:** 50 milliohms MAX
4. **介电耐压 Dielectric Withstanding Voltage:** 300V AC at Sec Level
5. **绝缘电阻 Insulation Resistance:** 100MEGA ohms MIN

**机械: Mechanical:**

1. **连接器配合力 Connector Mate and Unmate Force:**  
Mate force: 3.0kgf(MAX)  
Unmate force: 0.7kgf(MIN)
2. **端子保持力 Terminal retention:** 0.5kgf(MIN)
3. **工作温度 Operating Temp.:** -25°C~+85°C

**材料: Material:**

1. **外壳 Housing:** High Temperature Thermoplastic, UL 94V-0 LCP Black; Temperature resistance: 250±10°
2. **端子 Contact:** Copper Alloy C2680/C5191
3. **壳体 Shell:** Copper Alloy C2680

**表面处理: Finish:**

1. **端子 Contact:** Gold Plating on Mating area, Tin on Solder Tails
2. **壳体 Shell:** Nickel Plating



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图号 (DWG NO)		图号 (UNIT): MM
版本 (REV)		A/0
日期 (DATE)		2011.06.21
设计 (DESIGN)		Andy
品名 (ITEM NO)	MINI USB 5P/F SMT(B型1.0针)	 未注公差 TOLERANCE UNSPECIFIED XX ±0.30 XIX ±0.20 XXX ±0.10 X' ±5° XX' ±2°
料号 (PART NO)	MUSB-B-SM-TR	
校核 (CHECKED)		
核准 (APPROVED)		