

RECOMMENDED PCB LAYOUT  
GENERAL TOLERANCE ±0.05

SIM pin assignment	
PIN#	Name
C1	VCC 电压
C2	RST 重置
C3	CLK 时钟
C5	GND 接地
C6	VPP 电压
C7	I/O 输入输出

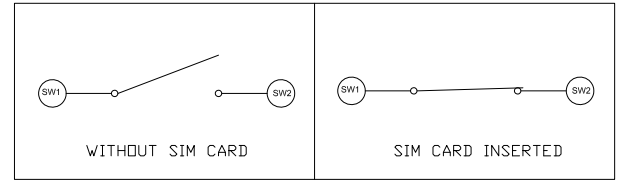
**Specification**

**MATERIAL:**  
 Insulator: High Temperature Thermoplastic, UL 94V-0. COLOR\*BLACK LCP  
 (塑胶: 黑色LCP, 防火等级UL 94V-0)  
 Contact: Copper Alloy  
 Shell: SUS304

**PLATING:**  
 Contact: Plated 50u" Ni Overall  
 Plated Au Selective Contact Area  
 Plated 100u" Sn Over Ni On Solder Area  
 (接触端子电镀: 全部镀底50u, 接触区域1u金, 焊脚处50u/最少)

Shell: Plated 50u" Ni Overall  
 Plated 1u" Au Selective Contact Area  
 (外壳电镀: 镍底50u, 焊接处1u金)

**Electrical:**  
 Current Rating :0.5Amps max (额定电流:0.5A最大)  
 Voltage Rating :5V AC/DC (额定电压:5V AC/DC)  
 Ambient Temperature Range :-40° C +85° C (工作温度: -20度到+60度)  
 Storage Temperature Range :-40° C +85° C (工作环境: -40度到+80度)  
 Ambient Humidity Range :95% R.H. Max. (上锡效果: 95%以上)  
 Contact Resistance:100Ωmax. (端子接触电阻: 100Ω最大)  
 Insulation Resistance:1000Ωmin./500VDC (绝缘阻抗: 100兆欧最小 )  
 Mating Cycles:5,000 Insertions (寿命: 5000次)  
 产品耐温温度: 260° C



**深圳市华宇创精密电子有限公司**

 <b>TOLERANCE:</b> X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X' ±2" X.X" ±0.5"	<b>DRAWN BY :</b> 陈一鸣	<b>DATE :</b> 2014-02-23	<b>PART NAME:</b> SIM PUSH 6+2P 1.85H 定位片5.0 无柱
	<b>CHECKED BY:</b> 马跃	<b>DATE :</b> 2014-02-23	<b>PART NO.</b> HYC120-SIM08-185
<b>UNIT:</b> mm [inch]	<b>APPROVED BY:</b> 邱敏	<b>DATE :</b> 2014-02-23	<b>DRAW NO.:</b> HYC-2604101153
<b>SCALE:</b> 1:1 <b>SIZE:</b> A4			<b>SHEET NO.</b> 1 OF 1