



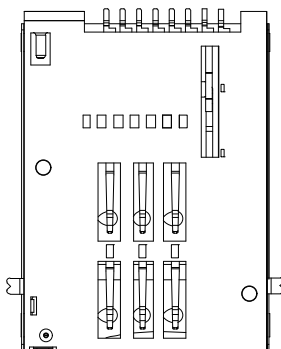
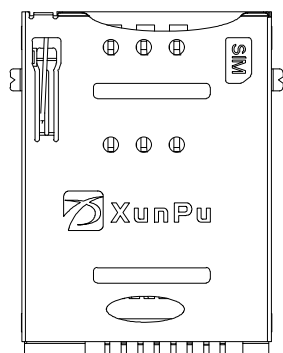
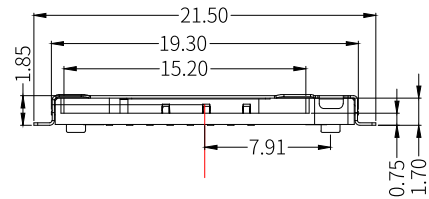
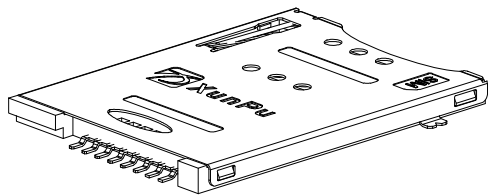
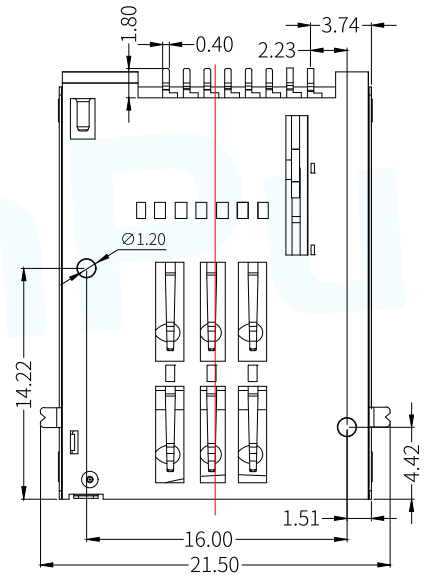
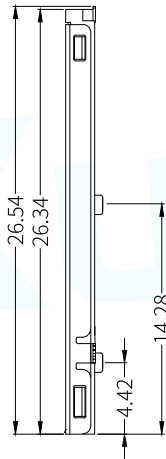
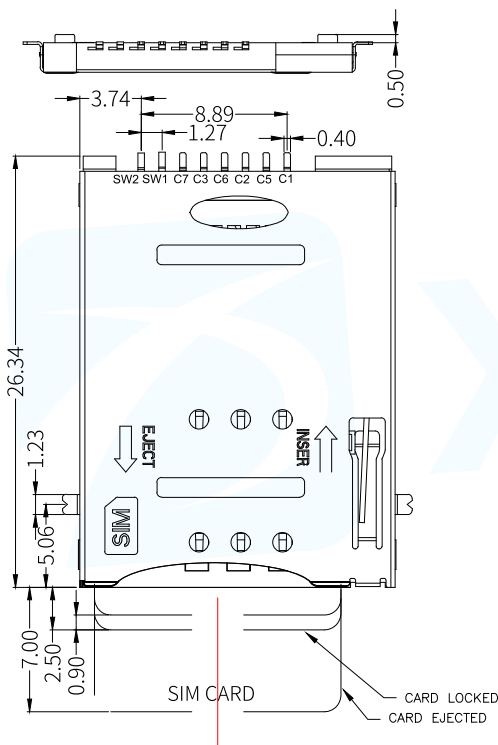
SIM-110-ACP8
W26.34xD19.30xH1.85

PIN 数(Number of contacts) : 6+2PIN	耐电压(Withstand voltage) : 500V AC for 1 min
操作方式(Operation mode): 自弹式/PUSH PUSH	操作寿命(Operation life): 5,000 Cycles Min
温度范围(Operating temp): -40°C TO +80°C	焊接温度(Welding temperature): 260±5° 5s
额定负荷(Rated load): 0.5A PER PIN.	焊接方式(Welding mode): 贴片式/SMT
接触电阻(Contact resistance): 100mΩ max.	包装方式(Packaging method): 卷带/Tape & Reel (TR)
绝缘电阻(Insulation resistance): 1000MΩ min.	最小包装(Minimum packing): 700/PCS

外形尺寸 (UNIT:MM) / Size Chart

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更多资料请参考技术选型档!



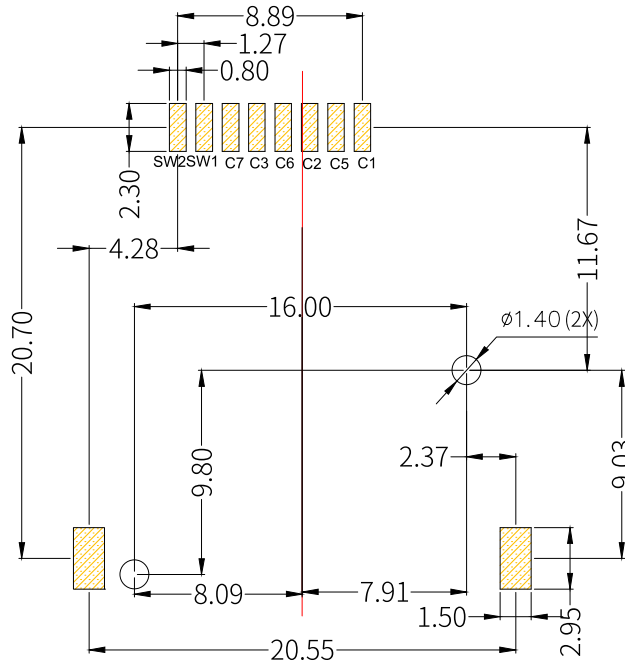
NOTES

1. MATERIAL:

- Housing: High Temperature Thermoplastic UL94V-0, Color: Black.
- Contact: Copper Alloys (T=0.15mm).
- Shell: Stainless Steel (T=0.15mm).

2. FINISH:

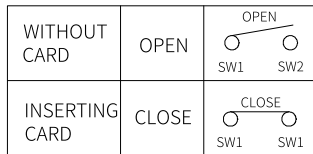
- Contact: 50u"Min Nickel Underplated on Allover, Gold Plating on Contact Area, 80u"Min Tin on Solder Tail.
- Shell: 50u"Min Nickel Underplated on Allover, Gold Flash on Solder Latch.



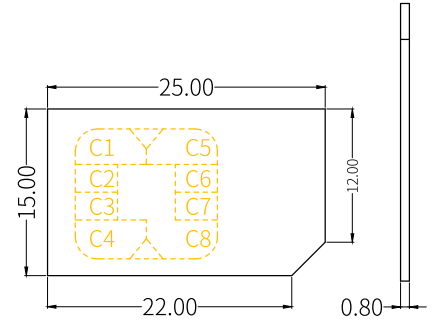
PCB焊盘区 (PAD AREA)
 禁区 (KEEP OUT AREA)

RECOMMENDED PCB LAYOUT
 GENERAL TOLERANCE ± 0.05

Circuit Diagram for Detect Switch



MINI SIM



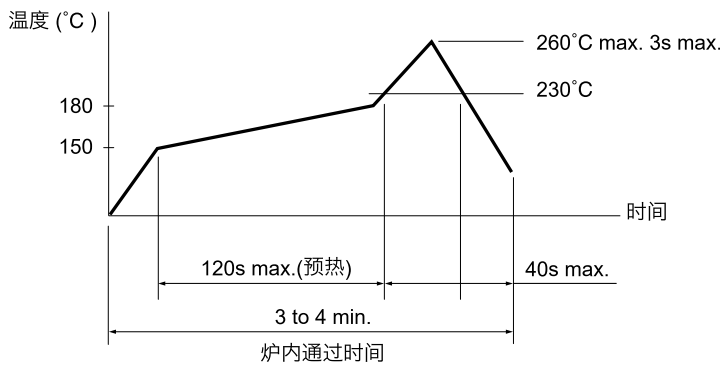
引脚定义 / Pin Definition

SIM PIN ASSIGNMENT			
PIN#	NAME	TYPE	DESCRIPTION
C1	供电电压	1	VCC
C2	重置	1	RST
C3	时钟	1	CLK
C5	接地	1	GND
C6	程序电压	1	VPP
C7	输入输出	1	I/O
SW1	卡检测开关	1	Card Detect Switch
SW2	卡检测开关	1	Card Detect Switch

焊接条件 / Welding conditions

回流焊 / Reflow soldering

适用表面贴装型产品 / Applicable to surface mount products
 温度分布 / Temperature distribution



手焊式 / Hand welding

项目 / Project	条件 / condition
焊接温度 Welding temperature	350°C max.
持续焊接时间 Continuous welding time	3s max.
焊剂斗容量 Flux bucket capacity	60W max.

浸焊式 / Immersion soldering

项目 / Project	条件 / condition
助焊剂附着量 Flux adhesion	不附着于零部件贴装面的程度 Not attached to the mounting surface of components
预热温度 Preheating temperature	印刷电路板焊接面的周围温度 100°C max. The temperature around the welding surface of PCB is 100 °C max
预热温度时间 Preheat temperature time	60s max.
焊接温度 welding temperature	260°C max.
焊接浸渍时间 Welding immersion time	5s max.
焊接次数 Welding times	2 times max.

注:

1. 加热方式: 以远红外线上下加热方式。
2. 温度测量: 用 $\Phi 0.1 \sim 0.2$ 的 CA(K) 或 CC(T) 测量位置在焊接连接部 (锡/铜箔面)。
3. 固定方式: 采用耐热胶带。