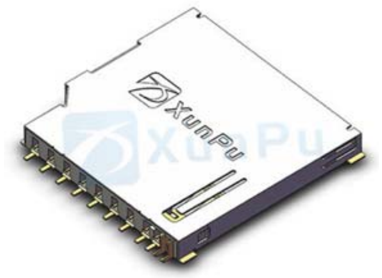

SD-102-ACP11
W25.50xD27.65xH2.80

技术参数 / Technical parameter

RoHS

PIN 数(Number of contacts) ：9+2PIN

操作方式(Operation mode)：抽拉式/PUSH PULL

温度范围(Operating temp)：-40°C TO +80°C

额定负荷(Rated load)：0.5A PERP IN.

接触电阻(Contact resistance)：100mΩ max.

绝缘电阻(Insulation resistance)：1000MΩ min.

耐电压(Withstand voltage) ：250V AC for 1 min

操作寿命(Operation life)：5,000 Cycles Min

焊接温度(Welding temperature)：260±5° 5s

焊接方式(Welding mode)：贴片式/SMT

包装方式(Packaging method)：吸塑盘装/Tray

最小包装(Minimum packing)：50/PCS

外形尺寸(UNIT:MM) / Size Chart

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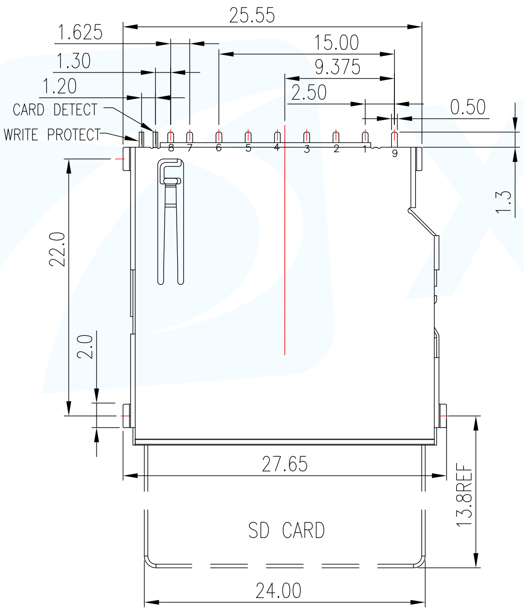
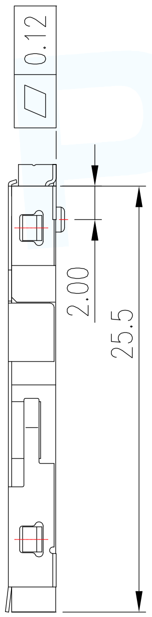
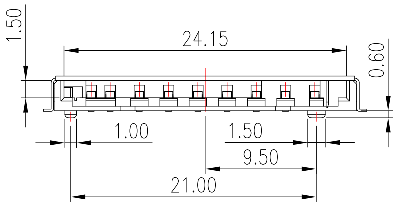
更多资料请参考技术选型档!







NOTES

1.MATERIAL

HOUSING：HIGH TEMPERATURE THERMOPLASTLC.

CONTACT：COPPER ALLOY.

SHELL：COPPER ALLOY.

2.PLATINC

CONTACT AREA：GOLD PLATED ON CONTACT AREA.

SOLDER TAIL：100u' MIN Sn PLATED

SHELL SOLDER AREA GOLD PLATED ON NICKEL UNDERPLATED.

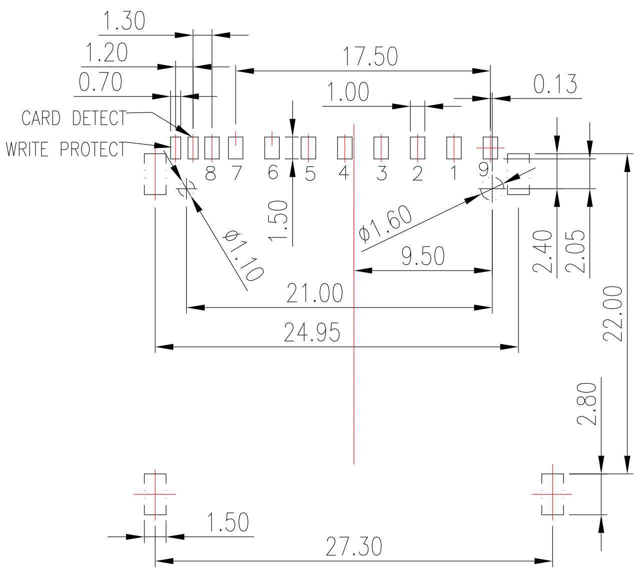
3.SPECIF CATION

CONTACT RESISTANCE：40 mOHMS

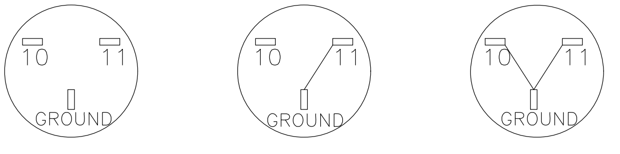
DIELEOTRIC WITHSTANDING VOLTAGE：500VAC MegOHMS

INSULATION RESISTANCE：100 MegOHMS

线路板安装(UNIT:MM) / Mounting Dimensions



RECOMMENDED P.C.B LAYOUT
(General tolerance ±0.05)



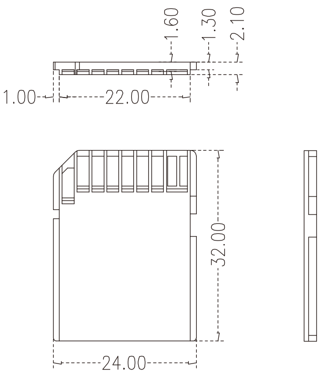
WTHOUT CARD

CARD INSERTED
WIRITE PROTECT:LOCK

CARD INSERTED
WRITE PROTECT:UNLOCK

Circuit Diagram for Detect Switch

SD CARD



引脚定义/Pin Definition

PIN#	NAME	DESCRIPTION
1#	CD/DAT3	Cord detect/data I/O
2#	CMD	Command
3#	VSS1	Ground
4#	VDD	Power
5#	CLK	Clock
6#	VSS2	Ground
7#	DAT0	Data I/O
8#	DAT1	Data I/O
9#	DAT2	Data I/O

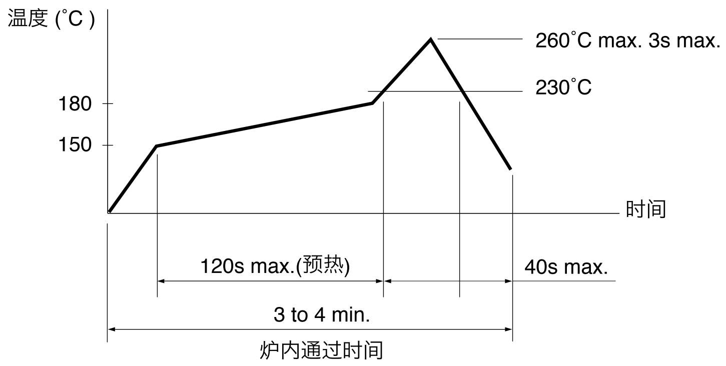
10--WRITE PROTECT PIN
11--CARD DETECT PIN
GROUND(SHELL)--COMMON PIN

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



注:

1. 加热方式:以远红外线上下加热方式。
2. 温度测量:用Φ0.1~0.2 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。

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.