

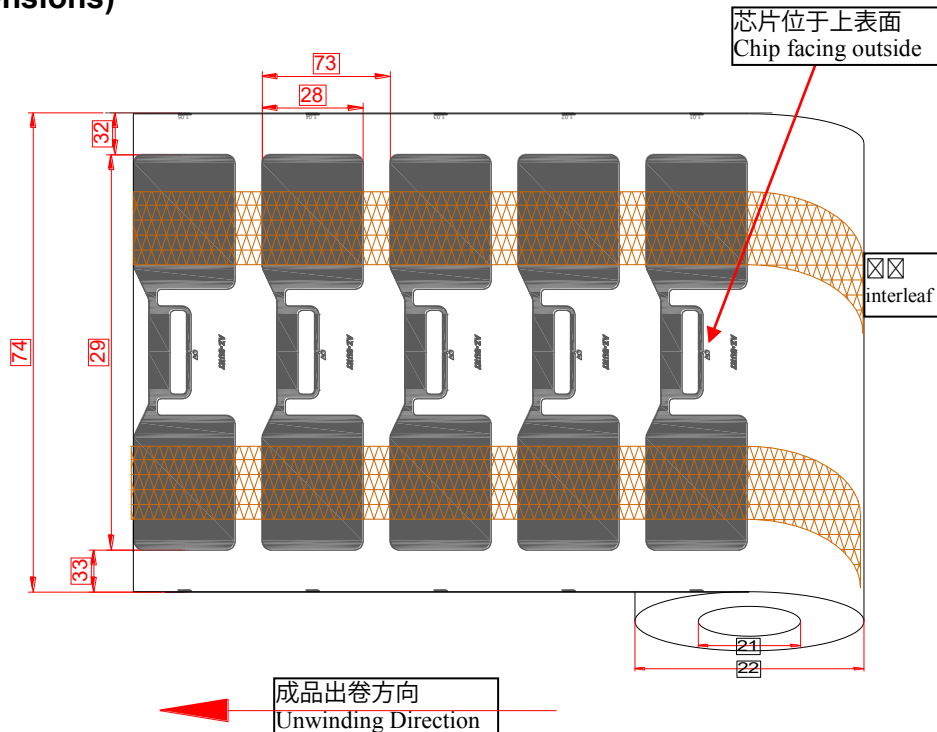
## AZ-SUR7-8+M830 24X94mm pitch30.48mm Dry Inlay

### 物理特性 (Mechanical Characteristics)

#### 1.1 外形 (Inlay)



#### 1.2 尺寸 (Dimensions)



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编号 No.	项目 (Item)	特性参数 Parameter(mm)
21	纸芯管内径 Core ID	6.04inch(153.42±0.50)
22	成品外径 Roll OD	≦ 390.00
28	天线长度 Antenna Length	24.00±0.20
29	天线宽度 Antenna Width	94.00±0.20
32	天线上边缘到 PET 上边缘距离 Antenna to PET (Top)	10.00±1.00
33	天线下边缘到 PET 下边缘距离 Antenna to PET (Bottom)	10.00±1.00
73	天线节距 Antenna Pitch	30.48±0.50
74	基材宽度 PET Width	114.00±1.00

## 2. 电气特性 (Electrical Characteristics)

项目 (Item)	描述 (Description)	备注 (Remarks)
制造商 / 芯片 Manufacture / IC	Impinj/M830	
基材材质 Base Material	PET	
天线制程方式 Antenna	铝蚀刻 Al(10±2μm)+PET(50±5μm) Etched Aluminum (10±2μm) + PET (50±5μm)	
符合标准 Protocol	ISO/IEC 18000-63(formerly 18000-6C) and EPC Gen2	
芯片存储区 Memory	EPC	128 Bits
	TID	48 Bits
	Unique TID	48 Bits
	密码区 Password	Shared 32Bits Access& Kill
	用户区 User	0 Bits
适用载波频率 Frequency	860~960MHz	芯片存储区 Memory
工作模式 Operating Mode	无源 Passive	
芯片使用寿命 IC Life	写 10000 次, 数据保存 10 年 10000 Programming cycles, 10 years data retention	
芯片防静电(ESD)性能 ESD Voltage Immunity	最大 2000V Max. 2000V	人体模型(HBM) Human Body Model (HBM)

### 3.1 环境要求 (Environmental Requirement)

操作使用温度/湿度(Operating & Using Temperature/Humidity): [-40°C to +70°C] 20% to

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90%, Non-condensing;

成品保质期 (Shelf Life): 使用防静电袋密封包装、在+23°C±5°C / 50%±10%RH 条件下2年。

From the date of manufacture, 2 years in vacuumed bag at +23°C±5°C / 50%±10%RH.

声明: 以上环境要求的建议基于我司最新的知识和现有经验基础上, 本公司保留产品最终解释权。

Disclaimer: Our recommendations are based on our latest knowledge and experience, we reserve all rights for final explanation.

### 3.2 我司产品环保要求:

#### Our product environment protection requirements:

我司产品执行以下方面的环境有害物质管控: RoHS 指令、REACH 法规及卤素、PAHs、PFOS 项目, 若贵司有其他特殊环保要求, 请列明。

Our products implement the following aspects of environmental hazardous substances control : RoHS, REACH & Halogen free, PAHs and PFOS;

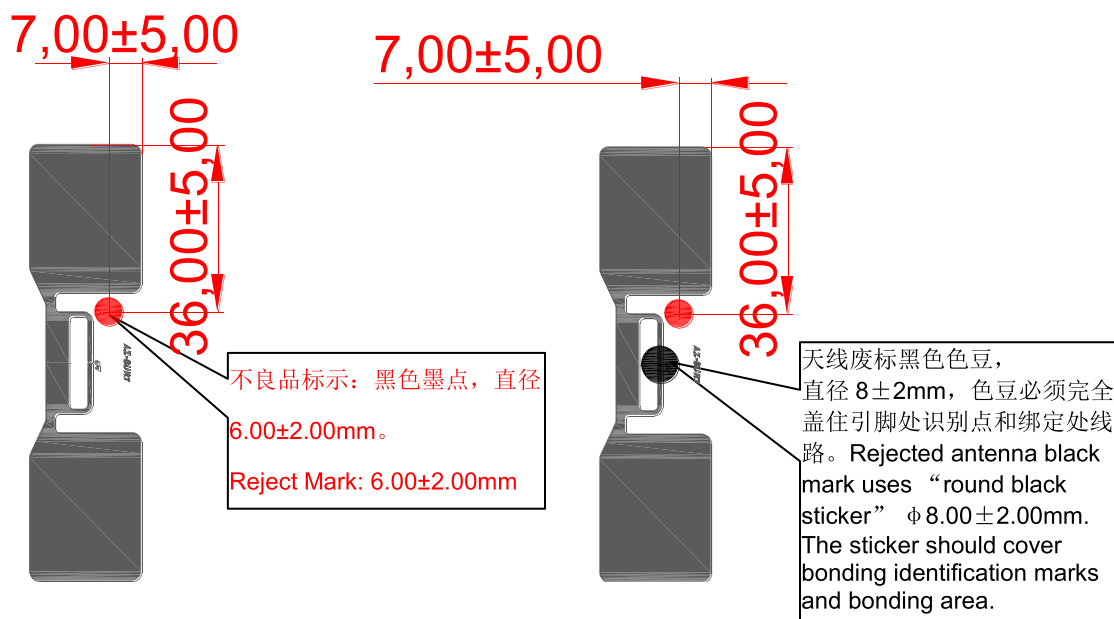
If you have other special environmental requirements, please specify.

### 4. 作业使用警示 ( Handling Precautions)

4.1 标记有黑色墨点的为不良品, 请勿使用。废标位置如下图所示。

Inlays with ink marks are bad ones. DO NOT USE.

The position of the mark is shown as below.



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4.2 搬运及使用吋防水、禁止剧烈撞击、禁止挤压或弯折芯片部分。

Keep away from water and collision. DO NOT BEND.

4.3 出货吋，纸芯管不加红色泡棉。No pink foam on the paper core.

4.4 特殊要求：无

此产品已提供样品给客户测试，并经客户确认其性能和（或）背胶粘贴性符合客户需求方下单批量生产。

Samples have been provided to customer for test and customer has confirmed the performance and or adhesive met their demands for mass production.

客户签名：

Signature:

签名日期：

Date:

## 5. 包装 (Packaging)

1	出货方式 Shipping format	1. 卷状 Roll 2. 防静电包装 Static-free bag with zipper
2.	收卷数量 Quantity	24,000±500pcs/ 卷 ( 以实际出货为准 ); 24,000±500pcs /roll (Actual Qty as per Shipping Mark)
3	包装方式 Packaging method	1 卷/箱(以实际出货为准); 1roll/ctn(Actual Qty as per Shipping Mark)
4	包装图片 Packaging pictures	

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变更履历

Revision History

成品料号 Item Number	NA		
修改历史 Modification history:			
日期 Date	修改人 Person	版本 version	修改 Modification
2025.07.01	陈雯 Chen Wen	L1	新订 First Release

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