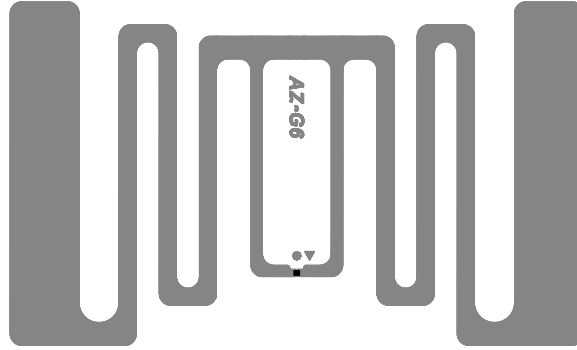




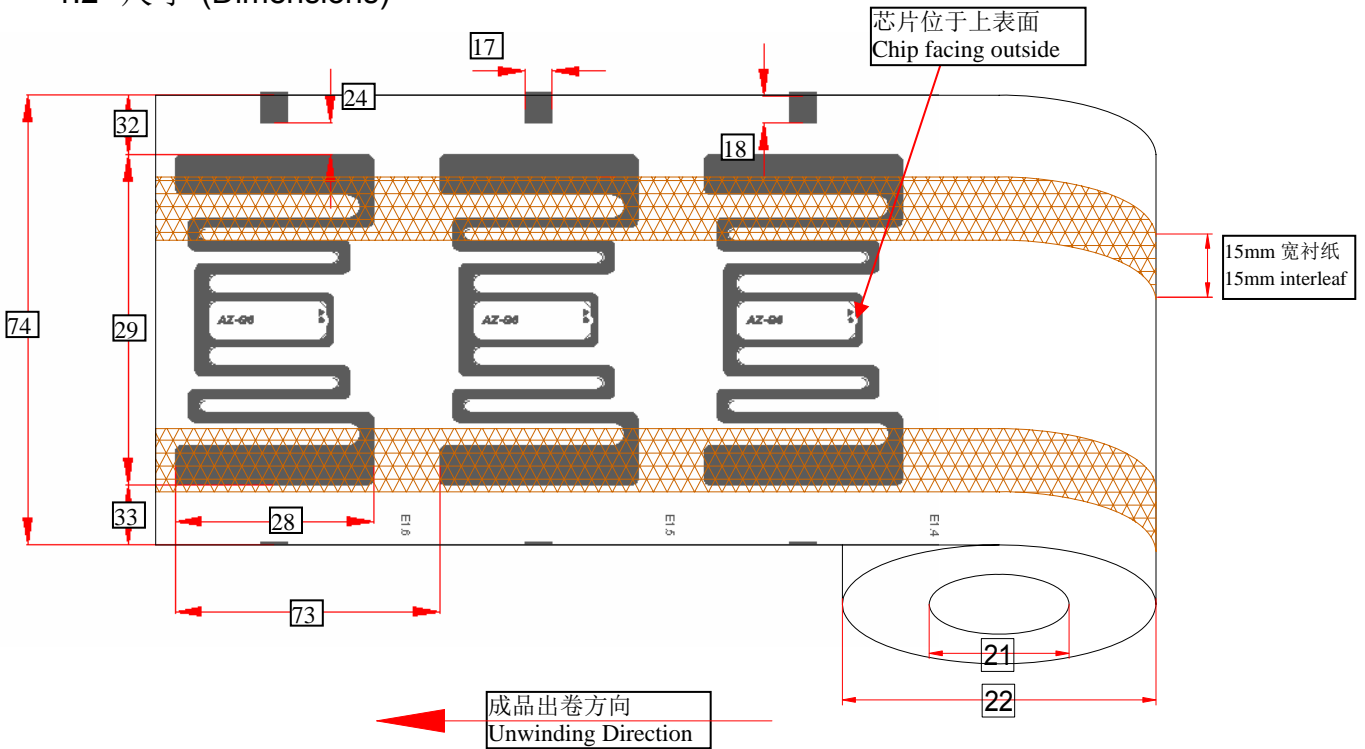
AZ-G6+MR6 Dry Inlay

1. 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)
17	Mark 长度 Mark Length	4.00±0.20
18	Mark 宽度 Mark Width	4.00±1.00
24	Mark 下边缘到天线上边缘距离 Mark to Antenna (Top)	4.85±0.20
21	纸芯管内径 Core ID	6.04inch(153.42±0.50)
22	成品外径 Roll OD	≤ 295.00
28	天线长度 Antenna Length	30.00±0.20
29	天线宽度 Antenna Width	50.00±0.20
32	天线上边缘到 PET 上边缘距离 Antenna to PET (Top)	9.00±1.00
33	天线下边缘到 PET 下边缘距离 Antenna to PET (Bottom)	9.00±1.00
73	天线节距 Antenna Pitch	40.005±0.500
74	基材宽度 PET Width	68.00±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/Monza R6		
基材材质 Base Material	PET		
天线制程方式 Antenna	铝蚀刻Al(10µm)+PET(50µm) Etched Aluminum (10µm) + PET (50µm)	厂商: CN0597 Antenna Supplier:CN0597	
符合标准 Protocol	ISO/IEC 18000-6C EPC Class1 Gen2		
芯片存储区 Memory	EPC	Up to 96 Bits	可读可写 Read & Write
	TID	48 Bits	可读不可写 Read Only
	Unique TID	48 Bits	可读不可写 Read Only
	密码区 Password	0	
	用户区 User	0	
适用载波频率 Frequency	860~960MHz		
工作模式 Operating Mode	无源 Passive		
芯片使用寿命 IC Life	写 10 万次, 数据保存 50 年 100,000 Programming cycles, 50 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 being mode(HBM)	

3. 环境要求 (Environmental Requirement)

操作温度(Operating Temperature/Humidity): [-40°C to +70°C] 20% to 90% RH Non-

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condensing;

适用温度(Storage): $[-25^{\circ}\text{C}$ to $+50^{\circ}\text{C}$] 20% to 90% RH Non-condensing;

成品保质期 (Shelf Life): 使用防静电袋密封包装、在 $+23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ / $50\% \pm 10\% \text{RH}$ 条件下 2 年。

From the date of manufacture, 2 year in vacuumed bag at $+23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ / $50\% \pm 10\% \text{RH}$).

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。

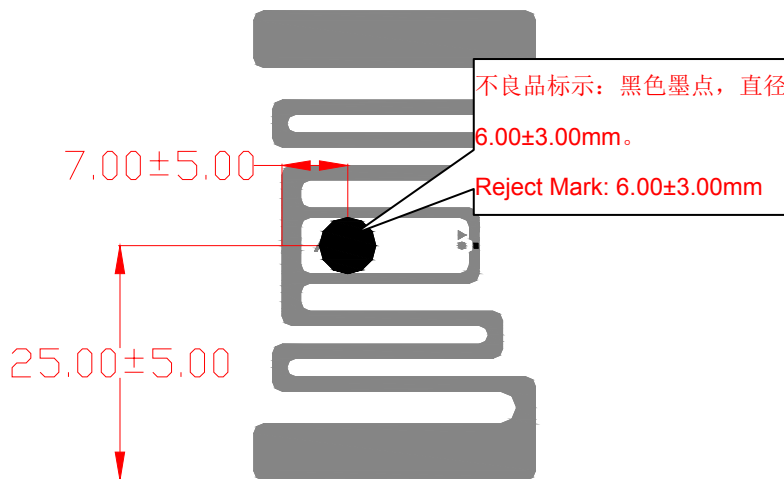
Disclaimer: Our recommendations are based on our latest knowledge and experience, we reserve all rights for final explanation.

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.



4.2 搬运及使用时防水、禁止剧烈撞击、禁止挤压或弯折芯片部分。

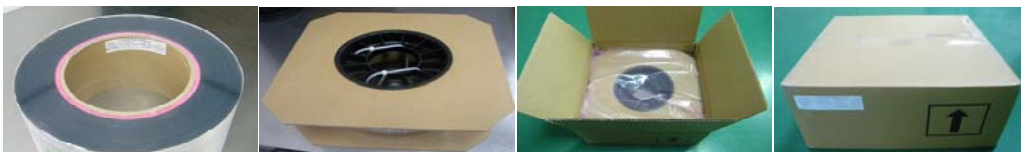
Keep away from water and collision. DO NOT BEND.

5. 包装 (Packaging)

下图为参考包装图：防静电夹链袋包装；8,000±300 Pcs/卷,1 卷/箱(以实际出货为准)。

Reference Packing: Static-free bag with zipper; 8,000±300 Pcs/roll, 1 roll/ctn

(Actual Qty as per Shipping Mark)



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Revision History

成品料号 Item Number		T1000616	
修改历史 Modification history:			
日期 Date	修改人 Person	版本 version	修改 Modification
11/17/14	胡小月 Hu xiaoyue	A	新订 First Release
08/13/15	范琳琳 Fan linlin	B	更改墨点公差及包装图片

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