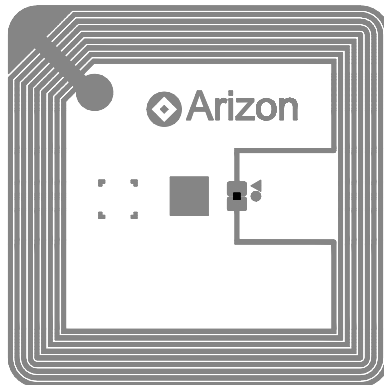




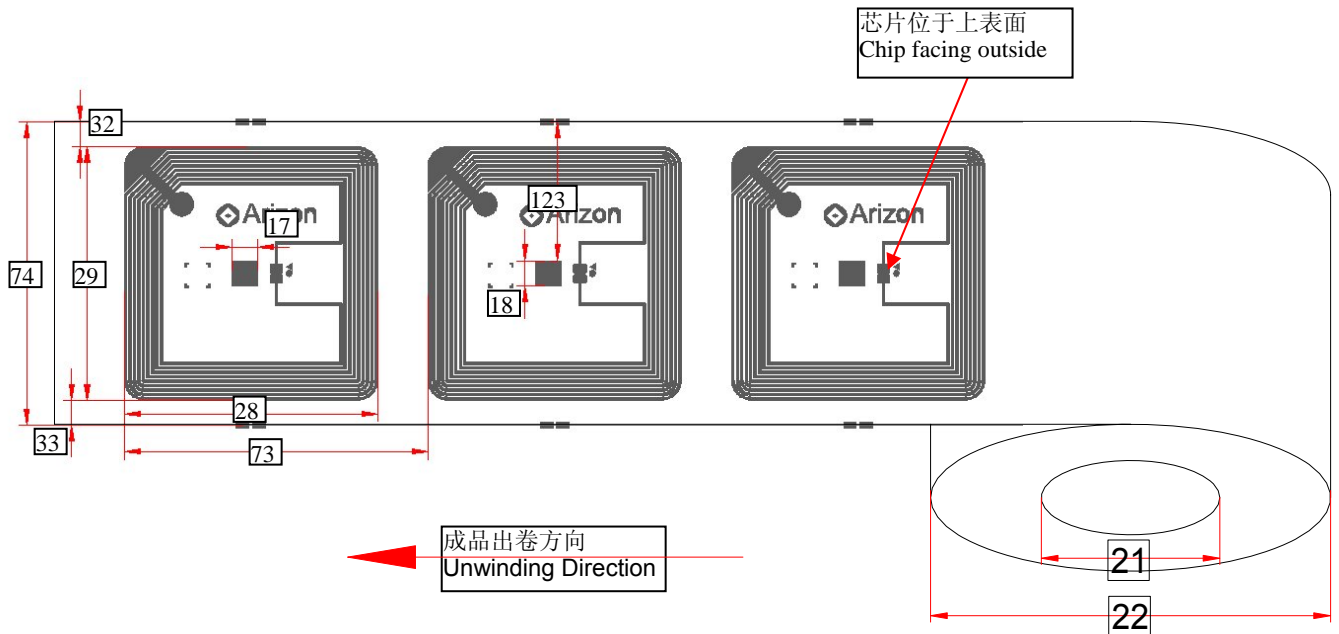
40X40mm+Ultralight Dry Inlay

1. 物理特性 (Mechanical Characteristics)

1.1 外形 (Dry 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±0.20
123	Mark 上边缘到 PET 上边缘距离 Mark to PET (Top)	21.90±1.00
21	纸芯管内径 Core ID	3inch(76.20±0.50)
22	成品外径 Roll OD	≅ 330.00
28	天线长度 Antenna Length	40.00±0.20
29	天线宽度 Antenna Width	40.00±0.20
32	天线上边缘到 PET 上边缘距离 Antenna to PET (Top)	3.90±1.00
33	天线下边缘到 PET 下边缘距离 Antenna to PET (Bottom)	3.90±1.00
73	天线节距 Antenna Pitch	47.98±0.50
74	基材宽度 PET Width	47.80±1.00

1.3 各 inlay 区分表

Dry inlay 料号	天线厂商 Antenna Supplier	芯片型号
T100A029	CN0120	150um 厚 Ultralight
T100A031		120um 厚 Ultralight

2. 电气特性 (Electrical Characteristics)

项目 (Item)	描述 (Description)	备注 (Remarks)
制造商 / 芯片 Manufacture / IC	NXP/Ultralight	
符合标准 Protocol	ISO 14443A	
用户区 User	512Bits	可读可写 Read & Write
标准工作频率 Frequency	13.56MHz	
基材材质 Base Material	PET	
天线制程方式 Antenna	铝蚀刻 Al(30µm)+PET(38µm)+Al过桥(10µm) Al Etching Al(30µm)+PET(38µm)+Al bridge (10µm)	厂商: CN0120 Antenna Supplier:CN0120

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3. 环境要求 (Environmental Requirement)

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

适用温度(Storage): [-25°C to +50°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°C±5°C / 50%±10%RH 条件下 2 年。

From the date of manufacture, 2 year 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。

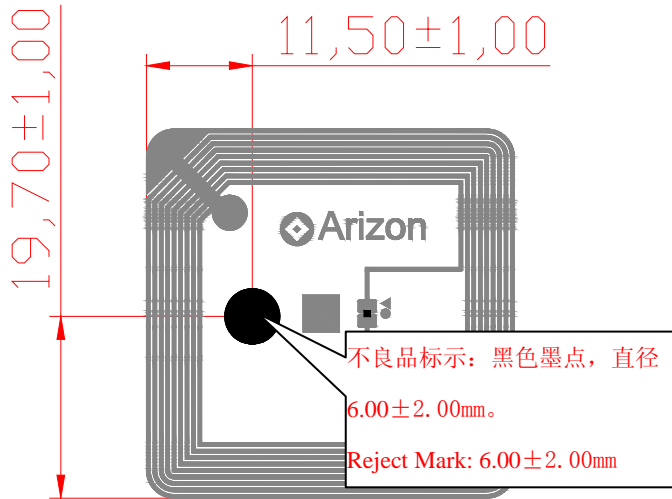
Disclaimer: Our recommendations are based on our latest knowledge and experience, we reserve all rights for final explanation.

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：抽真空包装；10,000±100Pcs/卷,4 卷/箱 (以实际出货为准)。

Reference Packing: vacuumed packing in ESD bag; 10,000±100 Pcs/roll, 4rolls/ctn

(Actual Qty as per Shipping Mark)

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Revision History

成品料号 Item Number	T100A029,T100A031		
修改历史 Revision history:			
日期 Date	修改人 Person	版本 Version	修改 Modification
5/6/13	胡小月 Hu xiaoyue	A	新订 First Release

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