

# 产品规格书

## Specification

**产品类型:** 高频 NFC 微型铜蚀刻标签(PET 材质)

**Part-Name:** NFC Universal Copper Rounded NFC Tag (PET material)

**产品型号 Part-Number:** IVF- L400D13A

**天线型号 Antenna:** IVF-TP00D11A

**设计料号 Reference Number:** HP150026B

### 尺寸 Dimensions

天线尺寸 Antenna Size D11mm ( $\pm 0.2$ mm)

标签尺寸 Tag Size D13mm ( $\pm 0.5$ mm)

成品跳距 Product Skip Distance 25 $\pm 0.4$  mm

成品边距 Product Margin 5.75 $\pm 1.0$  mm

卷料宽度 Width of the Tape 24.5 $\pm 1.0$  mm

### 产品特性 Product Features

衬底基材 Substrate Material 聚酯薄膜 Polyester Film (PET )

天线材料 Antenna Material 铜蚀刻 Copper Etching

背胶材料 Adhesive Material 热融胶/压敏胶 Hot Melt Adhesive  
/Pressure-sensitive Adhesive

表面材料 Surface Material 透明 Transparent PET

外观特性 Characteristics 透明柔性标签 transparent Flexible Tag

产品特性 Product Attribute	防水 Waterproof
频率范围 Operating Frequency	13.0MHZ ~ 14.5MHZ
协议 Protocol	ISO/ICE 14443A
标签芯片 Chip IC	NXP NTAG213
Memory Capacity	144 byte
工作模式 Operating Mode	可读写 Inventory Read or Write
读写距离 Read and write range	≥1.0CM (Desktop reader device: IVF-RH11)
读、写次数 Programming Cycle	100,000 cycles

### 环境参数 Environmental Parameter

数据保存 Data EEPROM Retention:	10 years
静电保护 ESD Voltage Immunity:	± 2KV
工作温度 Operating Temperature	-25°C ~ 75°C (Apply temperature is above 0°C)
储存温度 Storage Temperature	0°C ~ 25°C

### 包装资料 Packing Details

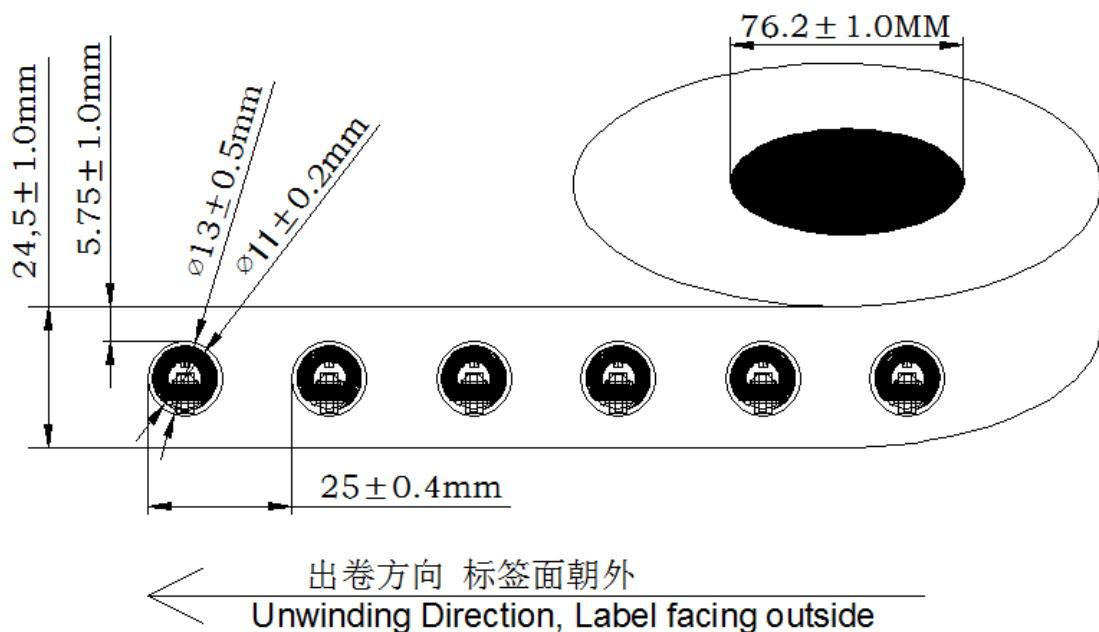
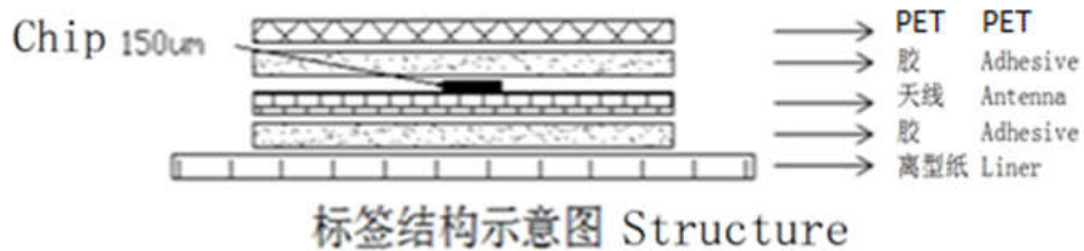
纸芯内径 Core Diameter	76.2mm(3inch)
卷数量 Volume Number	2000PCS (Outer Diameter ~135mm)
出卷方向 The Roll Direction	面标朝外 (出卷方向依实际需求而定) the Surface of Printing Facing out or up (According to actual demand)
包装材料 Packing Material	防静电珍珠棉+气泡垫+防静电袋+外纸箱 Anti-static PE + Foam stuff + Anti-static Bag

## 应用 Application

食品、烟草、酒类、药品、化妆品和零配件等物品的防伪及溯源监管，产品外形及面标印刷均可根据客户需要定制。

Mostly used for tracking of Food, Tobacco, wine, medicine, drug, cosmetic, Especially in security protection, document seal, box seal and items traceability. The outlook & printing could be customized on your needs.

## 参考图片 Reference Pictures



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