

普通可打印高频温度记录型标签

**General Printable HF NFC Temperature Logger Tag**



**基本参数/Basic Parameters**

尺寸/Size (L/OD x W/ID x H)	50*50*1mm(ID & OD圆形内外径/ID & OD means inner & outer diameter of round tag)
面材封装/FaceStock or Housing	可打印PP材料/White Printable PP
安装方法/Installation	胶粘/Adhesive
天线工艺/Antenna Type	铝天线/Aluminum Antenna
技术/Technology	平面微带/Microstrip Flat Style
离型纸/Backing Liner	白色格拉辛离型纸/White Glassine Paper Liner
特征/Characters	普通(General)

**产品特性/Product Feature**

芯片/Chip Model	FM13DT160 (双频芯片)
协议/Protocol	ISO14443A & ISO18000-6C GEN2
频率范围/Operating Frequency	13.0-14.5Mhz
内存/Memory	TID/UID 96bit+ EPC/Block 96bits+ User 0-8kbits(total 160kbit EEPROM)+ Reserve 32bits kill & 32bits access
读距/Reading Range	2cm (depends on reader)
应介质/Applicable Surface	空气(Air-free)/液体(Liquid)
个性化选项/Option	定制彩色印刷条码文本或个性化编码Custom color printing(Embossing or laser-engraving) with barcode or text & personalization encoding
附加说明/Additional	Temperature logging(温度记录数量): upto 4864 records, IC operating temperature to be able to record (温度测量范围) -35℃~50℃, Adhesive performance(背胶耐低温特性): Min. appl. Temp. (request) -40℃, Service temp. (request): -35℃ to 70℃, Paper Battery(纸电池): DC1.1-1.5V

**供货方式/Delivery & Supply Format**

卷料供货每卷1000-3000片 Supply in roll with 1000-3000PCS/Roll



### 应用场景/Application

冷链管理标签主要应用于农产品、生鲜、活体供应链，冷链，以集装箱，物流配送，快递运输为主要群体，等过程中的食品/药品/生鲜物品产品标识、温度检测，方便质量跟踪和溯源监管。Cold Chain Management tag is widely used for items identification during the transportation, supply chain, Cold chain, Container, Logistics, cargo shipment, especially monitoring temperature control quality of food, medicine, pharmacy, fresh items in sight, outgoing quality management, source traceability & supervision management and so on.



### 环境参数/Environmental Parameter

数据保存/Data EEPROM Retention	10years
静电保护/ESD Limited Voltage	2KV
工作温度/Operating Temperature	-35℃ - 85℃
储存温度/Storage Temperature	0℃ - 25℃
操作湿度/Relative Humidity	10%-95%(Variant Performance)

### 兼容打印机/Compatible Printers

佐藤/SATO	CL4NX
斑马/Zebra	ZT411RFID
博思得/POSTEK	TX Series
东芝/TOSHIBA	SX-4T SX-5T

**NOTE:**The specification is subject to change without prior notice

批准Approved By:张琼勇  
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