

ARFID  
COMPANY

# @BOOK LABEL

图书标签



## Confidential DATASHEET

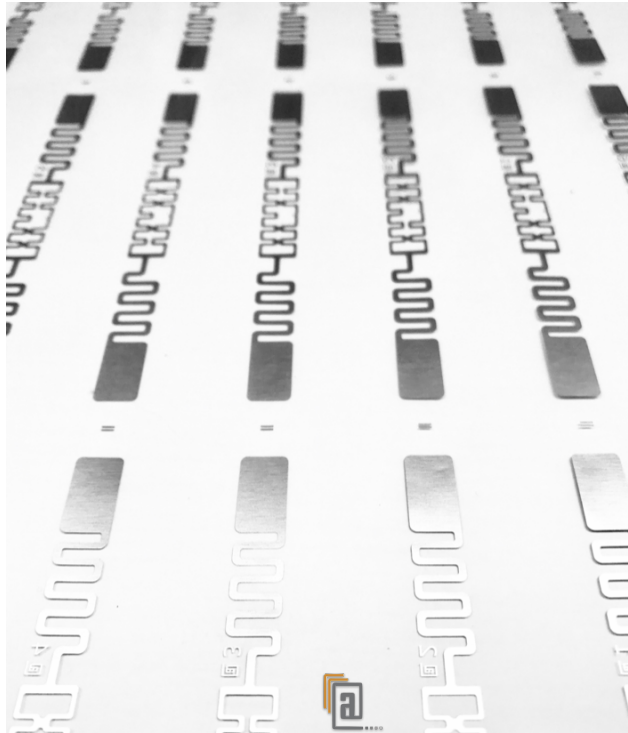
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# @BOOK LABEL

## 图书标签

## ブックラベル



## Physical 物理

OVERVIEW  
描述

Ultra Fast Read Speed, up to 30 sheets of paper stacked. @FILE LABELS are designed especially for files and books applications. They can be stacked up and still maintain well-performance. @FILE LABELS have superior close coupling features, The unique design makes each adjacent label antenna different in shape.  
超快速度, @BOOK LABELS 专为书籍应用程序而设计。它们可以堆叠起来, 仍然保持良好的性能。@BOOK LABELS 具有优越的紧密耦合特性, 获得 Alien Technology 天线设计授权。

MAXIMUM TEMPERATURE EXPOSURE  
最高温度暴露

90°C (194°F)

OPERATING TEMPERATURE  
工作温度-40°C up to +85°C  
-40 40°C 至 +85°CREAD AND WRITE SENSITIVITY  
读写灵敏度Read sensitivity -18 dBm  
读取灵敏度 -21 dBmSPECIAL FUNCTION  
特殊功能512-bit User Memory (H3),  
512-bit 比特用户区记忆体 (H3)Kill Command  
标签自毁SPEED  
速度Parallel encoding mode: 100 items in 60ms  
60ms 内 100 个标签 (离散测试\*)WARANTY  
保用Minimum 100,000 write cycle endurance  
最小 10 万次写数据

## GENERAL 概括

## FREQUENCY 频率

UHF 902-928MHz US Standard/CN Standard 美国与中国标准

ANTENNA  
DIMENSION(+/-1.mm)  
天线尺寸

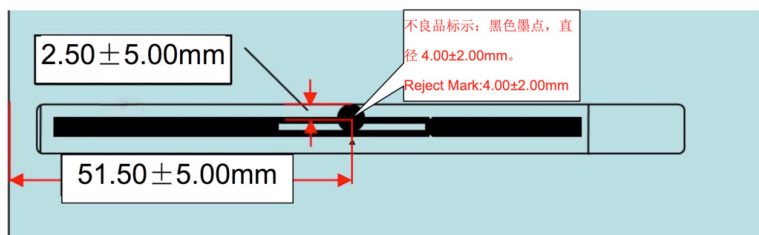
3.00 x 84.00 ±1.00mm

THICKNESS(+/-5%)  
厚度0.18mm(PET), 0.13mm(Wet Inlay), 0.25mm(80g Paper)  
0.18mm(PET), 0.13mm(湿因内), 0.25mm(80g 铜版纸)Clear wet inlay Gap  
相邻标签的间距

13.00±1.00mm

Reading Range  
读写距离3m by ARFID's Handset in test  
ARFID 手持机测试 3 米Storage Conditions  
存储条件

25°C / 77°F, &lt;50%RH



## CHIP SPECIFICATIONS 芯片规格

ePC Gen2, ISO 18000-6C, Alien H3

Up to 128-bit of EPC memory  
最大支持128比特 EPC记忆体

96-bit EPC  
标准96比特EPC

96-bit Tag Identifier (TID) factory locked  
96bit出厂唯一识别码

48-bit unique serial number factory-encoded into TID  
48比特唯一可写码

512-bit User Memory (H3),  
512-bit 比特用户区记忆体 (H3)

32-bit kill password to permanently disable the tag ; 32-bit access password ;  
32比特自毁密钥 ; 32比特访问密钥 ;

## 各国频率标准

## Worldwide RFID UHF Map\*

