

ARFID
COMPANY

@FILE
LABEL

档案标签

ARFID.....



Confidential DATASHEET

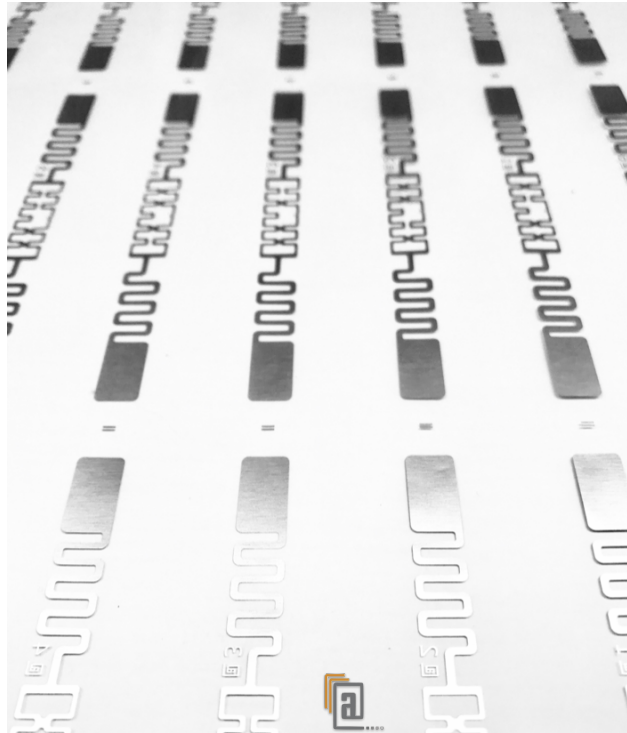
Prepared by
PDD/PM ALEX LEUNG
Contents Responsible if other than preparer
Approved by

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www.arfid.co

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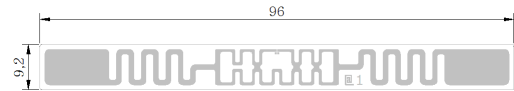
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Physical 物理

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.
超快读速度，最多可堆叠30张纸。@FILE LABELS专为文件和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。@FILE LABELS具有优越的紧密耦合特性，独特的设计使每个相邻的标签天线的形状不同

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°C

READ AND WRITE SENSITIVITY 读写灵敏度

Read sensitivity -21 dBm; Write sensitivity -16 dBm
读取灵敏度-21 dBm; 写灵敏度 -16 dBm

SPECIAL FUNCTION 特殊功能

Product Status Flag bit: enables the UHF RFID tag to be used as EAS (Electronic Article Surveillance) tag without the need for a back-end data base.
产品状态标志位：使UHF RFID标签可用作EAS（电子物品监控）标签，无需后端数据库。

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

DIMENSION(+/-5%) 尺寸

96 x 9.2 mm (3.78 x 0.37 in)

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)

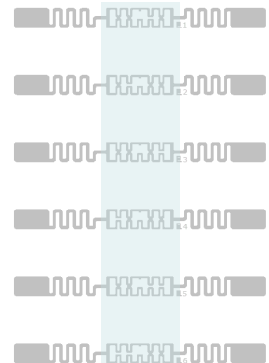
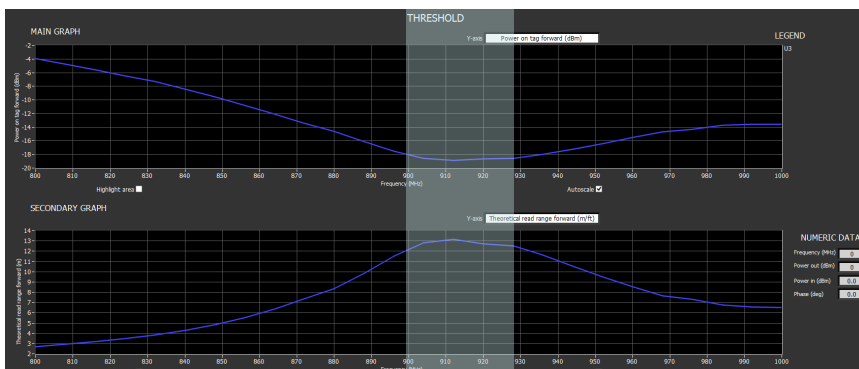
Reading Range 读写距离

6m by ARFID's Handset in test, 8m by Moto RFID PDA (US/
ARFID 手持机测试 6米; Moto手持机 8米

Storage Conditions 存储条件

25°C / 77°F, <50%RH

@FILE LABELS 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. With our handheld reader, so that every important file will not be missed. 独特的设计让每一枚相邻的标签不同，在密集读取的时候具有优势。配合我们的手持读写器，让每一张重要档案不会遗漏。



CHIP SPECIFICATIONS 芯片规格

ePC Gen2 , ISO 18000-6C, UCODE 7/7m NXP

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

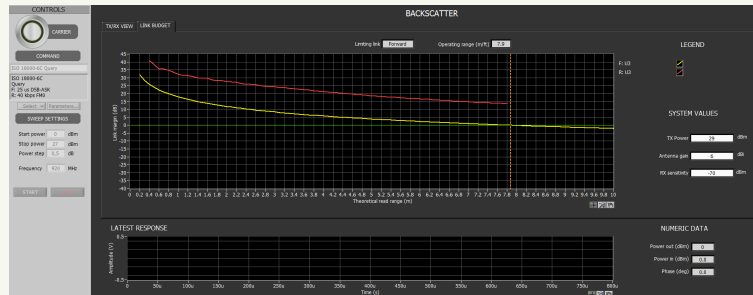
96-bit Tag Identifier (TID) factory locked
96bit出厂唯一识别码

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

32-bit User Memory (UCODE 7m Only),
32比特用户区记忆体 (UCODE 7m独有)

32-bit kill password to permanently disable the tag ; 32-bit access password ; Product Status Flag bit: enables the UHF RFID tag to be used as EAS
32比特自毁密钥; 32比特访问密钥; 产品状态标志位: 使能UHF RFID标签用作EAS防盗

@FILE LABELS Reflection sensitivity
@FILE LABELS 反射灵敏度



各国频率标准

Worldwide RFID UHF Map*

