

NXP ICODE®SLIX HF RFID

On-Metal PET Tag with Adhesive



Key Features

| | |
|------------------------|--|
| Operating Frequency | HF 13.56 MHz |
| Chip Type | NXP ICODE®SLIX |
| International Standard | ISO/IEC 15693, ISO/IEC 18000-3, NFC Forum Type 5 |
| EEPROM | 128 bytes |
| User Memory | 112 bytes |
| Compliance | WEEE Directive |
| Storage Environment | +18~+28°C, 20%~90% RH |

1. Product Overview

The NXP ICODE®SLIX HF RFID On-Metal PET Tag with Adhesive is a high-frequency (13.56MHz) white card designed for dependable performance on metal surfaces. It features a matte finish, laminated overlay, and integrated anti-metal layer for enhanced durability and stable communication. Compliant with ISO/IEC 15693, ISO/IEC 18000-3, and NFC Forum Type 5 protocols, this tag offers 128 bytes of EEPROM (112 bytes user memory). It's ideal for asset tracking, equipment labeling, and other applications requiring RFID tagging on metal.

2. Product Parameters

2.1 Physical Characteristics

| | |
|----------------------------------|---|
| SKU | AZT-SLIX-OMPET3M-D30 |
| Material | PET & 3M Adhesive & Anti-metal Layer |
| Dimension (Diameter × Thickness) | Ø30×1.1 mm |
| Specification | Anti-metal layer White card Matte finish Laminated overlay |
| Mounting Method | Stick |
| Compliance | WEEE Directive |



2.2 Technical Parameters

| | |
|------------------------|--|
| Operating Frequency | 13.56 MHz |
| Communication Protocol | ISO/IEC 15693, ISO/IEC 18000-3, NFC Forum Type 5 |
| Operating Distance | Up to 1.5m |

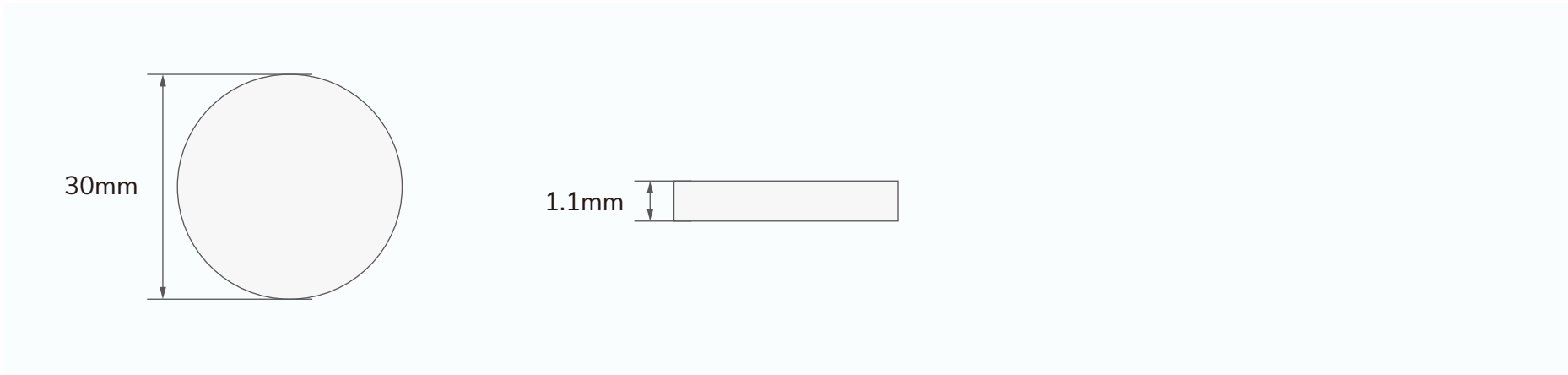
2.3 Chip Characteristics

| | |
|--------------------|---|
| Chip Manufacturer | NXP® |
| Chip Type | ICODE® SLIX |
| EEPROM | 128 bytes |
| User Memory | 112 bytes |
| UID Memory | 8 bytes |
| Communication Rate | Up to 53 kbit/s |
| Security | <ul style="list-style-type: none">• Unique identifier for each device• Lock mechanism for each user memory block (write protection)• Lock mechanism for DSFID, AFI, EAS• Password (32-bit) protected EAS and AFI functionality |
| Anti-Collision | True anticollision |
| Write Endurance | 100,000 times |
| Data Retention | 50 years |

2.4 Additional Information

| | |
|---------------------|--|
| Storage Environment | +18°C~+28°C, 20%~90% RH |
| Application | Asset tracking, Industrial labeling, Metal surface identification, Equipment management, Inventory control, Security access, Logistics tracking, Manufacturing automation, Electronic toll collection, Smart packaging |

3. Dimensions



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