

HF RFID MICRO TAG

- Product Specifications -



- **Model:** RS-RMT03
- **Material:** PCB
- **Frequency:** HF 13.56MHz
- **Size:** 7×7×0.9mm, 8×8×0.9mm
- **Chip:** NTAG 213/216, I CODE SLIX/ SLIX2, S50
- **Protocol:** ISO14443A, NFC, ISO15693
- **Reading Range:** 10mm (based on reader/writer and installation method)
- **Read/Write Times:** ≥100,000 times
- **Operating Temperature:** -40°C~85°C
- **Optional:** With/without anti-metal function

Product Description

These micro High-Frequency (HF) RFID tags feature a built-in antenna and support 13.56 MHz protocols such as ISO14443A, NFC Forum standards, and ISO15693. They are designed for direct reading and can be either surface-mounted or embedded via injection molding, making them ideal for NFC interactions and asset management.

Technical Parameters

Physical Characteristics	
Material	PCB
Size	7×7×0.9mm, 8×8×0.9mm
Color	Black
Operating Temperature	-40°C~85°C
Storage Temperature	-40~120°C (-40~248°F), 50% RH
Temperature Resistance	-196°C (>2000 h), 125°C (>1000 h), 260°C (5 min)
Electrical Characteristics	
Frequency	13.56MHz
Chip Type	NTAG 213/216, I CODE SLIX/ SLIX2, S50
Memory	EPC 128 bits (96bits), User 32 bits (64bits), TID 48 bits
Read/Write Times	≥100,000 times
Data Storage	10 years
Reading Distance	10 mm (depending on the tool and the depth of insertion into the slot; based on the example of being embedded in a metal surface with no metal obstruction)
*The final read range depends on RFID Reading equipment and application environment.	

★ Key Features

- Ultra-compact and metal-resistant;
- High-temperature resistant;
- Corrosion-resistant;
- IP67 Waterproof.

📦 Application

Brand Identification, Accessories & Consumables, Asset Management, Medical Equipment, Biological Samples, Toys, Rapid Wi-Fi Pairing, Car Keys, etc..



📦 Performance

Test Device: Testram T8200Pro-G
Frequency: 13.834 MHz
Chip: NXP ICode SII X2

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