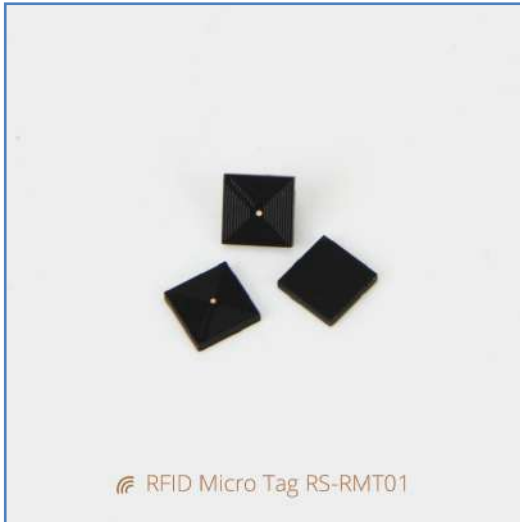


HF RFID MICRO TAG

- Product Specifications -



- **Model:** RS-RMT01
- **Material:** PCB
- **Frequency:** UHF 860-940MHz
- **Size:** 5×5×0.9mm
- **Chip:** NTAG 213, NTAG216, I CODE SLIX, SLIX2
- **Protocol:** ISO14443A, NFC, ISO15693
- **Reading Range:** 10cm (based on reader/writer and installation method)
- **Read/Write Times:** ≥100,000 times
- **Operating Temperature:** -40°C~85°C

Product Description

The Kings Series comprises miniature High-Frequency (HF) RFID tags equipped with built-in antennas. They support 13.56 MHz protocols such as ISO 14443A, NFC Forum standards, and ISO 15693. These tags are directly readable and can be either surface-mounted or embedded via injection molding, making them ideal for use in NFC interaction and asset management applications.

Technical Parameters

| Physical Characteristics | |
|---|---|
| Material | PCB |
| Size | 5×5×0.9mm |
| 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, NTAG216, I CODE SLIX, SLIX2 |
| Memory | EPC 128 bits (96bits), User 32 bits (64bits), TID 48 bits |
| Read/Write Times | ≥100,000 times |
| Data Storage | 10 years |
| Reading Distance <i>*The final read range depends on RFID Reading equipment and application environment.</i> | 10 cm (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) |

★ Key Features

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

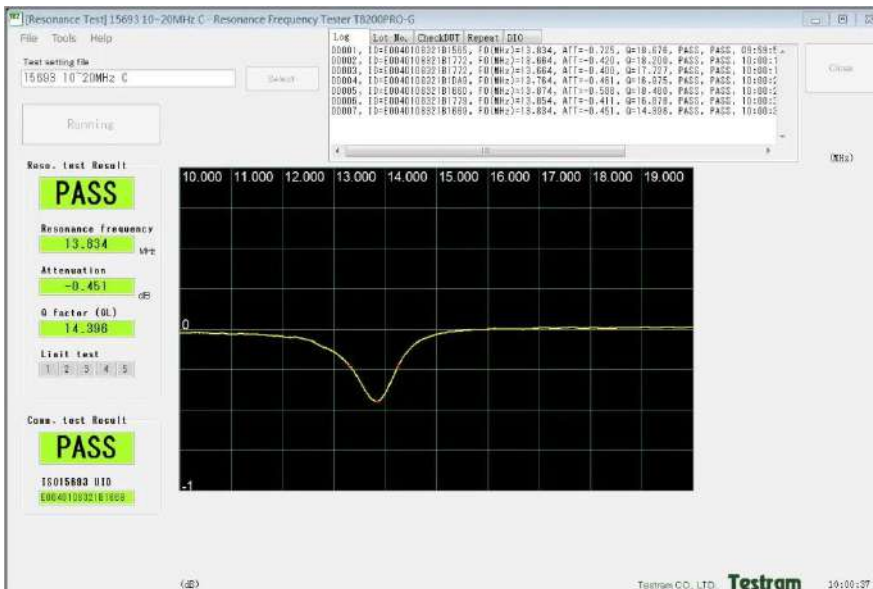
📦 Application

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 Slix2



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