HF RFID MICRO TAG

- Product Specifications -



- **Model:** RS-RMT02
- **Material:** PCB
- **Frequency:** HF 13.56MHz
- **Size:** 3×3×0.9mm
- **Chip:** NTAG 213, NTAG216, I CODE SLIX, SLIX2
- **Protocol:** ISO14443A，NFC，ISO15693
- **Reading Range:** 10mm (based on reader/writer and installation method)
- **Read/Write Times:** ≥100,000 times
- **Operating Temperature:** -40℃~85℃
- **Anti-metal:** Not available

Product Description

Mini 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	3×3×0.9mm
Color	Black
Operating Temperature	-40℃~85℃
Storage Temperature	-40~120℃ (-40~248℉), 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
Memory	EPC 128 bits (96bits), User 32 bits (64bits), TID 48 bits
Read/Write Times	≥100,000 times
Data Storage	10 years
Reading Distance *The final read range depends on RFID Reading equipment and application environment.	10mm (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

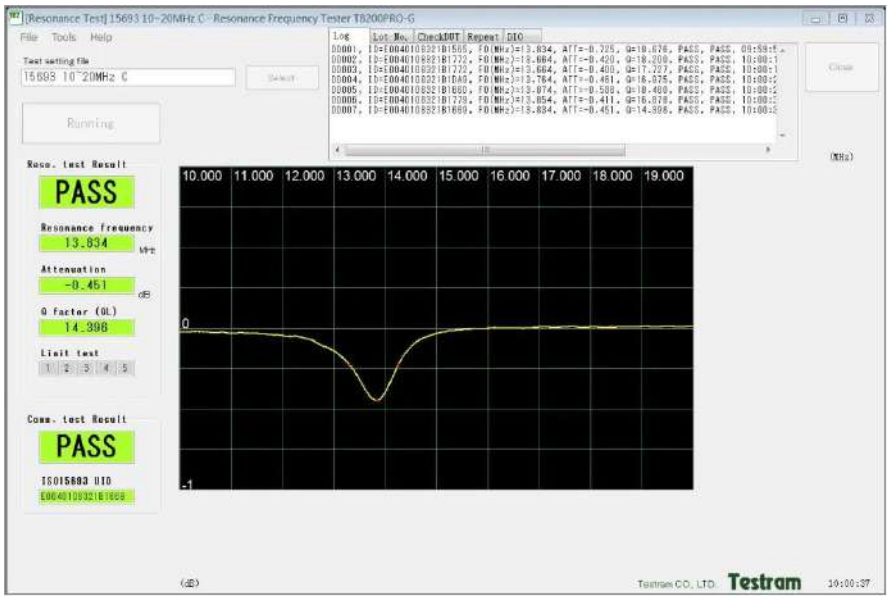
Brand Identification, Accessories & Consumables, Asset Management, Medical Equipment, Biological Samples, Toys, Rapid Wi-Fi Pairing, Car Keys, etc..






Performance

Test Device: Testram T8200Pro-G
Frequency: 13.834 MHz
Chip: NXP ICode SlIX2



CONTACT

Ms. Edith Chen

P/W: +86 13612933572
Email: info@rfidsilicone.com
Skype: live:cxjrfid

ADD: 4th Floor, Building B, Phase 1, Longzhixiang Tiancheng Sci-Tech Park, No.27-5 Tiancheng Road, Longhua District, Shenzhen, China 518100