



Nano HF/NFC FPC Tag

Φ7.5 mm NXP Icode slix2

RFID FPC tags are thin, lightweight, and highly flexible transponders made from flexible printed circuits. They conform easily to curved or irregular surfaces, ensuring reliable performance without affecting appearance. Ideal for electronics, smart devices, apparel, and packaging, these tags provide stable data transmission, durability, and easy integration into compact or space-limited applications.

These NFC tags are much more robust than normal Aluminum antenna tags, and can withstand a certain higher temperature.

Thus it could be flexilable assembly into diamond jewelry, valuable jewelry and other expensive lovely things, silicone bands or parts, audio earphone, bluetooth equipment, and all other types of promotional gifts which they would like to join in NFC into.

Overview

Frequency Band

HF 13.56 MHz

Chip Type

NXP Icode slix2

Dimensions

D=7.5 mm / 0.30 in

Air Interface Protocol

ISO15693

Application

NFC wearable products
 Electronic toys
 Dangerous and safety items identification

Technical Features



Model	RCF2003
RFID Features	
Air Interface Protocol	ISO 15693
Frequency	13.56 MHz
Chip Type	NXP Icode slix2
Memory	2560 bits
Data Storage	> 10 years
Re-write	100,000 times
Read Range(13.56 MHZ)	30.0 mm
Physical Features	
Dimension	D=7.5 mm / 0.30 in
Material	FPC
Color	Yellow
Operating Temperature	-40°C to 85°C / -40°F to 185°F
Survival Temperature	-40°C to 200°C / -40°F to 392°F
Storage Condition	20±5°C, 50±10% RH, Store away from sunlight
IP Rate	IP68, test for 5 hours at 1m deep water
Other Features	
Installation	Adhesive(clean and dry surface)
Certifications	Reach, RoHS, CE
Package	Single or roll

PS: The performance is theoretical values in the lab and the actual effect depends on the specific applications.

RICHRFID

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