

PRODUCT DATASHEET

NFC Ferrite Tag 0503 – NXP I CODE SLIX

Embed to Empower with NFC

NFC Ferrite 0503 Tag features its miniature size. A hassle-free tag solution with both the antenna and chip integrated in a small form factor, allowing it to effortlessly add NFC function to an item with a confined tagging space. It can be mounted on metal or used in a free air setting. NFC Ferrite Tag exhibits great resistibility in challenging working conditions, enduring extreme high/low temperatures.

Features

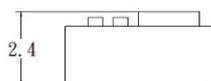
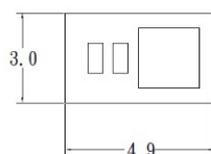
- Ultra small size
- Great resistibility to high/low temperature
- On-Metal or Free Air Type setting

Applications

- Traceability
- Product Identification
- Inventory Management



Physical Specification



Dimension

L 4.9 mm / 0.19 in

W 3 mm / 0.11 in

T 2.4 mm / 0.09 in

*The exact size is mainly based on metric unit.

Material

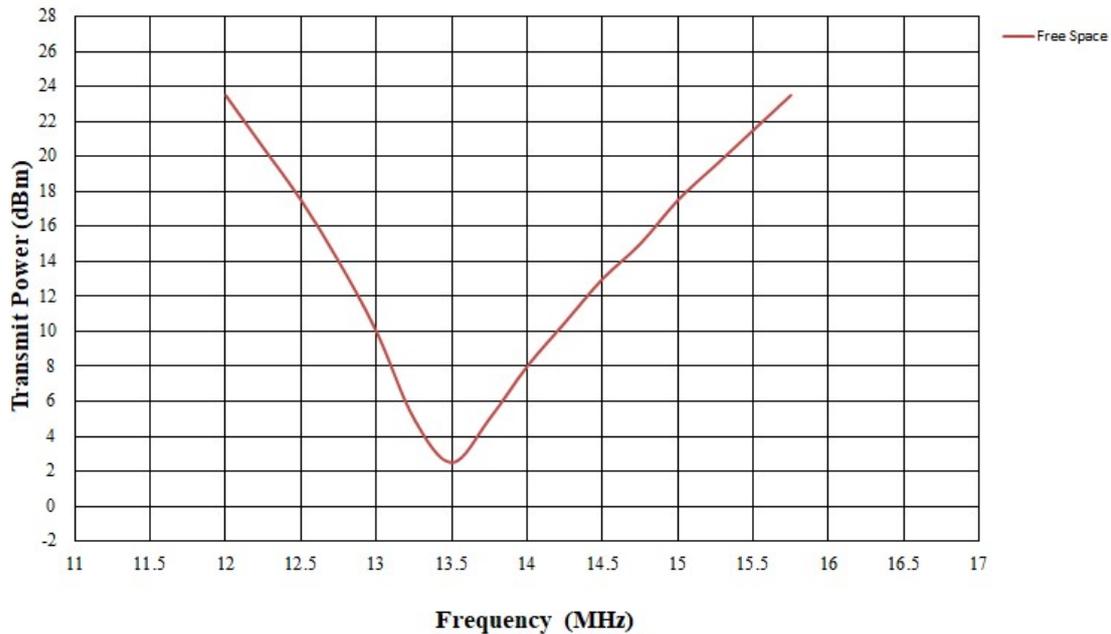
Ferrite

Attachment

SMD Process / Insert molding Applicable

RF Specification

RFID Chip	NXP I CODE SLIX
Memory	UID 64 bit / User memory 896 bit
RF Interface Protocol	ISO 15693 / ISO 18000-3
Operating Frequency	13.56 MHz
Applicable Surface	Free-Space



*HF sensitivity shown in the figure is measured by Voyantic Tagformance HF Loop Antenna C60. Actual sensitivity performance is subject to the environment in practice.

Environmental Resistance

Operating Temperature	-40°C to 85°C
Storage Temperature	-60°C to 220°C
Warranty	One Year
IP Rating	IP65

Ref. No: Digi-key/420970527-02299

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