

PRODUCT DATASHEET

Molding Metal Tag - NXP I CODE SLIX S

Make Identification Possible for Small Item with Metal Surface

Molding Metal Tag is a hassle-free tag solution with both the antenna and chip in a small form factor which helps effortlessly add RFID function to electronic devices or small item with narrow space. More than that, the enhanced protection to the chip and antenna effectively guarantees its resistibility under harsh environment. Equipped with NXP I Code SLIX (following ISO/IEC 15693 and NFC forum type 5 protocol), this tag enables a contactless communication between a device and NFC-enabled mobile phones via its RF interface.

Features

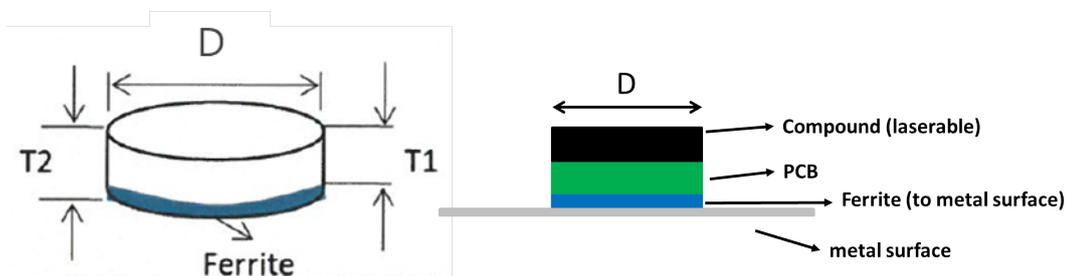
- Ultra-small size
- Robust to resist extreme temperature
- Packaged with chip and antenna in simple form factor
- ISO/IEC 15693, NFC Forum Type 5 compliant

Applications

- Product authentication and counterfeiting for consumer electronics
- Equipment setup and configuration
- Process management



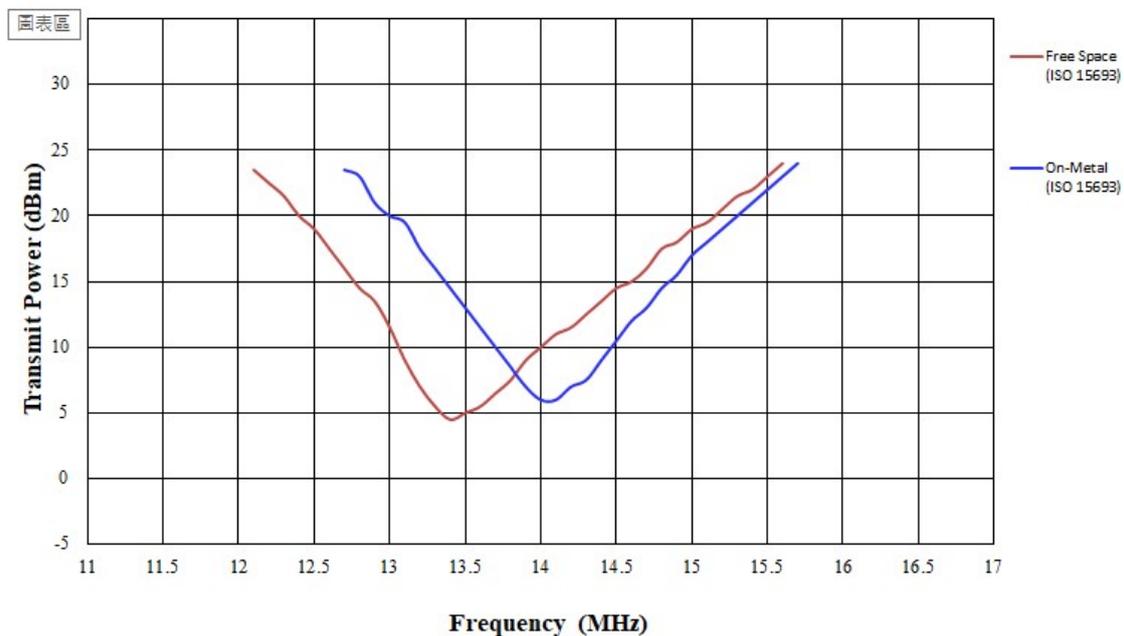
Physical Specification



Dimension	D	6	mm /	0.23	in
	T1	0.75	mm /	0.02	in
	T2	0.9	mm /	0.03	in

*The exact size is mainly based on metric unit.

Material	Compound+PCB+Ferrite
Attachment	Adhesive(*optional and not included)
Options	Laser Engraving
RF Specification	
RFID Chip	NXP I CODE SLIX S
Memory	UID 8 byte / User memory 256/1280 bit
RF Interface Protocol	ISO 15693 / ISO 18000-3
Operating Frequency	13.56 MHz
Applicable Surface	Free Space / On-Metal



*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	-80°C to 200°C
Warranty	One Year
IP Rating	IP68

Ref. No: Digi-key/ 421140533-01175

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