

# **PRODUCT DATASHEET**

## NFC Dynamic Tag Modsule 0806

#### Easy integration of NFC functionality to electronic device

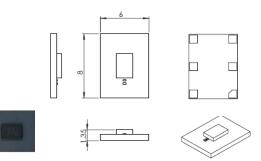
0806 DTM is a hassle-free tag solution with both the antenna and chip in a small form factor to add NFC functionality to electronic devices. Equipped with NFC Type 5-compliant ST25DV04K chip (following ISO/IEC 15693 protocol), it allows bidirectional communication between the device microcontroller and an NFC-enabled mobile phone by both RF and I2C interfaces. This Tag features easy integration to the device by surface-mount technology and it opens more possibilities for applications regarding Internet of Things.

#### **Features**

- ISO/IEC 15693, NFC Forum Type 5 Compliant
- Dual interfaces of both RFID and I2C
- Easy integration via surface-mount technology

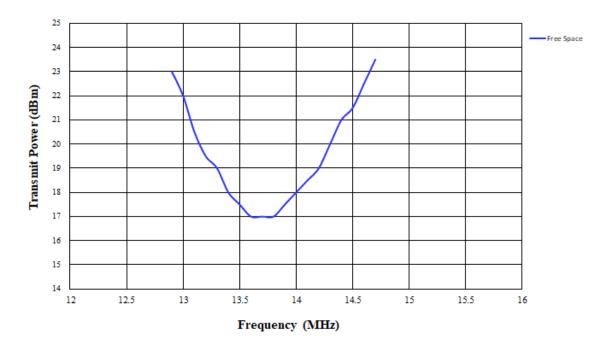
### **Applications**

- Consumer electronics
- Equipment setup and configuration
- Factory automation and sensing



RF Specification	
ІС Туре	ST25DV04K
Memory	EEPROM 4-Kbit
RF Interface Protocol	ISO/ ICE 15693
Operating Frequency	13.56 MHz
Applicable Surface	Non - Metal

Physical Specification	
Material	Ferrite
Size	L 8.0 mm/ 0.31 in
	W 6.0mm/ 0.23 in
	Thickness 1.35mm/ 0.05 in
	*The exact size is mainly based on metric unit.
IP Rating	IP65
Attachment	SMD Process / Insert molding Applicable



\*HF sensitivity shown in the figure is measured by Testram UD Loop Antenna 13phi. Actual sensitivity performance is subject to the environment in practice.

Environmental Resistance	
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Warranty	One Year

Ref. No: Digi-key / 420990815-02276

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