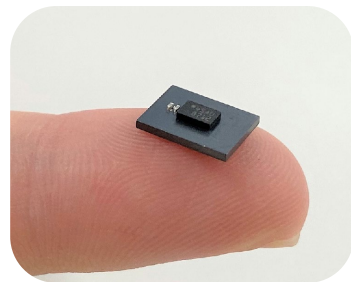


# Ferrite NFC Dynamic Module Tag [DTM-0806]



## OVERVIEW

DTM-0806 is a small NFC dynamic module tag in the HF (13.56MHz) band. It is developed with TODA KOGYO's ferrite materials, unique design, and manufacturing technologies. It can be used for new applications that is unavailable with traditional tags.

## FEATURES

### Function of serial data output

It has an I<sup>2</sup>C terminal and can output data from the connected device.

### Function of energy harvest

It has an interface that supplies power to the connected device.

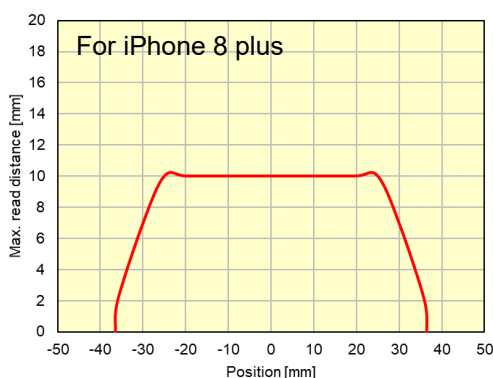
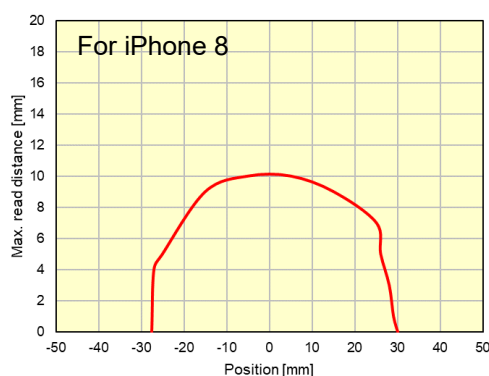
### High heat resistance

It is SMD type and has enough heat resistance for soldering directly to the PCB.

## CHARACTERISTICS

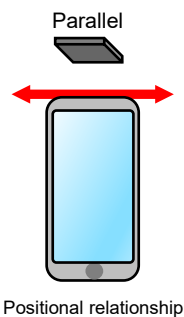
### 【Specifications of DTM-0806】

|          |   |
|----------|---|
| Size     | 8.0×6.0×1.4 mm  |
| IC Chip  | ST25DV04K/M24SR02-Y(STMicroelectronics)                                   |
| Standard | ISO/IEC 14443 type A (NFC Forum Type4)<br>ISO/IEC 15693 (NFC Forum Type5) |



### 【Read communication characteristics when using a smartphone】

The characteristics are different when reading with other models and Android smartphones.



## APPLICATIONS

- NFC antennas/NFC devices
- Devices that need firmware updates and settings with a smartphone
- IoT data transfer applications

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