

## Ceramic NFC Ring-spec sheet

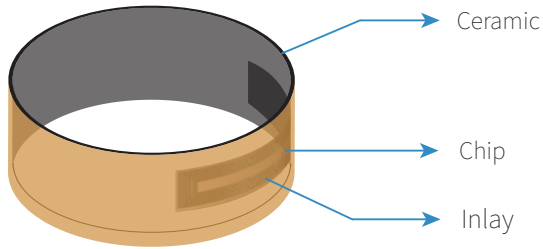


NFC Smart Ring is a product that masterful blend of art and technology. It has a fashionable appearance and powerful functions. This NFC ring uses Zirconia ceramics that is often used to make jewelry, high-end & durable.

Beneath its good look, there is an NFC chip that can connect with your smartphone. Through NFC technology, this smart ring can achieve data sharing and other functions. For example, it can fast open the APP on your phones. Besides, it can unlock your door or make a payment instead of your key and payment card.

| Parameters |   |                 |   |                     |           |
|------------|---|-----------------|---|---------------------|-----------|
| Item       | NFC Smart Ring  | Color           | Black, pink, red, blue, etc.                      | Working Temperature | -20~+70°C |
| Material   | Ceramic   | Craft           | silkscreen logo/Laser serial number UID print etc | Data Retention Time | 10 years  |
| Chip       | Ntag213, Ntag215, Ntag216, etc.   | Write Endurance | 100000 times                                      | Type                | NFC       |
| Size       | φ16.5 mm, φ17.3 mm, φ18.2 mm, φ18.9 mm, φ19.8 mm, φ20.7 mm, φ21.3 mm (6-12) |                 |   |                     |           |

### Dimensional Diagram



| Size or Customized |       |       |       |       |       |       |       |
|--------------------|-------|-------|-------|-------|-------|-------|-------|
| US                 | 6     | 7     | 8     | 9     | 10    | 11    | 12    |
| Circumference      | 5.3cm | 5.6cm | 5.9cm | 6.2cm | 6.5cm | 6.8cm | 7.1cm |
| Diameter           |       |       |       |       |       |       |       |

### APPLICATIONS

- Member management
- Access control Management
- Payment tracking
- Pet/lost tracking
- Swimming pool
- Event ticketing
- Gaming and identity
- Hotel management
- Transportation card

## Available chips

### HF 13.56 MHz Chips

| Chip Name             | Protocol  | Capacity  | Frequency |
|-----------------------|-----------|-----------|-----------|
| Ntag213               | ISO14443A | 180 byte  | 13.56 MHz |
| Ntag215               | ISO14443A | 540 byte  | 13.56 MHz |
| Ntag216               | ISO14443A | 924 byte  | 13.56 MHz |
| MIFARE Classic 1K     | ISO14443A | 1 KB      | 13.56 MHz |
| MIFARE Classic 4K     | ISO14443A | 4 KB      | 13.56 MHz |
| MIFARE Ultralight EV1 | ISO14443A | 80 byte   | 13.56 MHz |
| MIFARE Ultralight C   | ISO14443A | 192 byte  | 13.56 MHz |
| ICODE SLIX            | ISO15693  | 1024 bits | 13.56 MHz |

## Feature

- ▶ IP68 grade waterproof and dustproof
- ▶ Available in all sizes: 6-12 (American standard) or customize
- ▶ High-end and luxurious: Good gloss, good texture, good look
- ▶ Made of zirconia ceramics: high density, good hardness, durability, and anti-fall
- ▶ Customized service: Various styles, crafts, colors that you can choose
- ▶ Built-in ultra-sensitive NFC chip, no need to charge, ready to use
- ▶ Multi-function: mobile interaction, can be used as a key or payment card or access card, etc.