

No.:ZQ26020099

Address: Building H, Haowei Industrial Park, No. 8 Qingsong Road, Pingshan New District, Shenzhen City

| Product name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18mm Diameter NFC Tag |
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| <p>Applications of NFC:</p> <ol style="list-style-type: none"><li>1. Mobile payment: such as Alipay in shopping malls, small shops, restaurants, and other consumption places;</li><li>2. NFC identification for buses, subways, and access control systems;</li><li>3. Tap-to-call, listen to music, connect to Wi-Fi, open mini-programs and apps, one-touch screen mirroring;</li><li>4. Anti-counterfeiting and traceability: clothing, bags, shoes, beverages, tea, fruits, food, and other branded consumer goods;</li><li>5. Identity recognition, device unlocking, consumable identification, electric vehicle NFC card activation, pause, charging, etc.;</li><li>6. NFC smart networking of electronic products, one-touch networking and operation of smart home devices;</li><li>7. NFC tags for patrol and inspection used for digital personnel management;</li><li>8. Anti-counterfeiting for car parts, aroma diffusers, perfumes, lipsticks, and other branded products;</li><li>9. NFC tags for digital production replacing traditional manual recording on production lines and equipment asset management;</li><li>10. Authenticity verification of jewelry, gifts, and other items with unique IDs;</li><li>11. Product manuals, equipment instructions, etc.;</li><li>12. Future applications such as item networking and digital management of goods.</li></ol> |                       |
| Product images                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |
| <div></div> <div></div> <div><p>Antenna + chip</p><p>Self-adhesive label</p><p>Release liner</p></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |

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| Technical Parameters  |                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------|
| Dimensions            | Single unit dimensions: Diameter 18mm $\pm$ 0.2mm,<br>Thickness: 0.2 $\pm$ 0.05mm (chip part) |
| Antenna Technology    | Flip-chip packaging                                                                           |
| Material              | PET                                                                                           |
| Mounting Method       | Customer self-installation required (cannot be attached to metal surfaces)                    |
| Chip Signal           | FM11NT022                                                                                     |
| Carrier Frequency     | 13.56 0 3MHz                                                                                  |
| Read/Write Protocol   | ISO/14443A protocol                                                                           |
| Chip Capacity         | 144bytes                                                                                      |
| Storage Temperature   | 5 years or 100,000 uses                                                                       |
| Operating Temperature | 20-40℃                                                                                        |
| Operating Temperature | 0-60℃ $\pm$                                                                                   |

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Precautions:

1. The operating environment temperature must be within the permitted range; otherwise, the product may not function properly.
2. The storage environment temperature and humidity must be within the permitted range; otherwise, the product's lifespan will be reduced.
3. Do not apply external force to bend or deform the product, as this may cause internal circuit breakage and render the product inoperable.
4. There should be no metal objects within 10mm of the product during operation, as this may cause the product to malfunction.
5. There should be no electric fields or strong currents within 10cm of the product during operation, as this may cause interference.
6. The product should not be placed in a strong acid or strong alkaline environment, as this will cause serious damage to the product.
7. The product should be stored away from magnetic fields to prevent data loss.