



ABS-01



ABS-02



ABS-03



ABS-06



ABS-08



ABS-08(w/o slot)

## NXP® NTAG® 215 HF ABS RFID Key-Fob



SKU: RS-NTAG215-ABS

Chip Type: NXP® NTAG® 215

Frequency: HF 13.56 MHz

EEPROM: 540 bytes

User Read/  
Write Area: 504 bytes

Protocol: ISO/IEC 14443-A,  
NFC Forum Type 2

Compliance: WEEE Directive

Industry: Events, Healthcare, Retail

Applications: Access Control, NFC

NXP® NTAG® 215 HF ABS RFID Key Fob is a rugged, waterproof RFID tag housed in durable ABS plastic, designed for high-frequency (13.56 MHz) applications. It complies with ISO/IEC 14443-A and NFC Forum Type 2 protocols, offering 540 bytes of EEPROM memory, including 504 bytes of user read/write space—ideal for secure data storage, tagging, and identity solutions.

Available in multiple sizes, colors, and designs, this key fob is perfect for access control, event ticketing, and smart identification use cases.

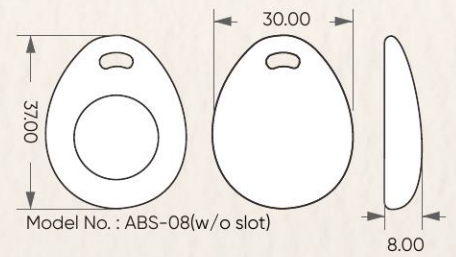
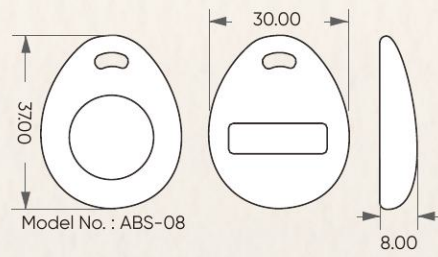
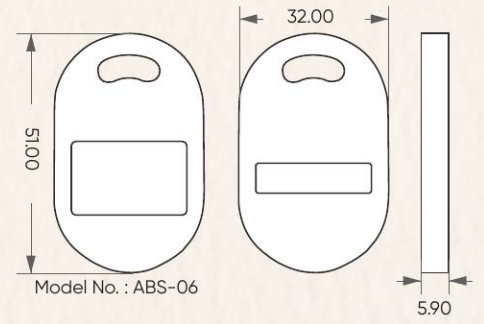
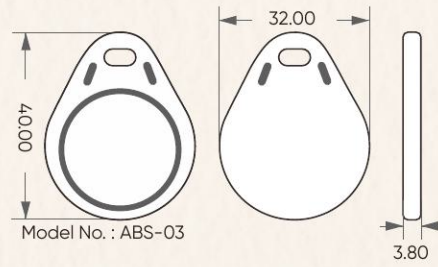
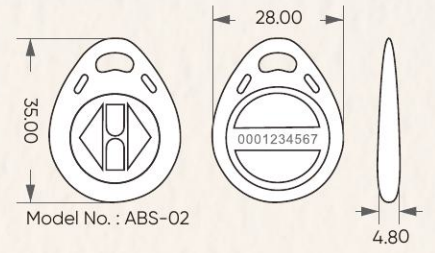
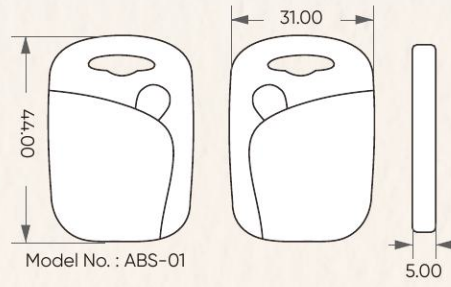
|                      |                       |                |
|----------------------|-----------------------|----------------|
| Physical Information | Material              | ABS            |
|                      | Compliance            | WEEE Directive |
|                      | Characteristics       | Waterproof     |
|                      | Operating Environment | -20°C~+80°C    |
|                      | Storage Environment   | +18°C~+28°C    |

|                       |                      |                                                                                                                                                                                                                                                                                       |
|-----------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technical Information | Operating Frequency  | 13.56 MHz                                                                                                                                                                                                                                                                             |
|                       | Protocol             | ISO/IEC 14443-A, NFC Forum Type 2                                                                                                                                                                                                                                                     |
|                       | Chip Type            | NXP® NTAG® 215                                                                                                                                                                                                                                                                        |
|                       | EEPROM               | 540 bytes                                                                                                                                                                                                                                                                             |
|                       | User Read/Write Area | 504 bytes                                                                                                                                                                                                                                                                             |
|                       | Read Range           | Up to 100 mm                                                                                                                                                                                                                                                                          |
|                       | Security Features    | Manufacturer programmed 7-byte UID for each device<br>Pre-programmed Capability container with one time programmable bits<br>Field programmable read-only locking function<br>ECC based originality signature<br>32-bit password protection to prevent unauthorized memory operations |

|                       |                  |                  |
|-----------------------|------------------|------------------|
| Packaging Information | Packing Format   | Packed in carton |
|                       | Carton Dimension | 49×24×20 cm      |

| Specification | ABS-01                                                                                                                                         | ABS-02                                                                                                                                         | ABS-03                                                                                                                                                                                                  | ABS-06                                                        | ABS-08                                                                                                                                                                | ABS-08(w/o slot)                                                                                                                                                      |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size          | 44×31×5 mm                                                                                                                                     | 35×28×4.8 mm                                                                                                                                   | 40×32×3.8 mm                                                                                                                                                                                            | 51×32×5.9 mm                                                  | 37×30×8 mm                                                                                                                                                            | 37×30×8 mm                                                                                                                                                            |
| Color         | <div> <div>Red</div> <div>Yellow</div> <div>Blue</div> <div>Black</div> </div> <div> <div>Grey</div> <div>Green</div> <div>Orange</div> </div> | <div> <div>Red</div> <div>Yellow</div> <div>Blue</div> <div>Black</div> </div> <div> <div>Grey</div> <div>Green</div> <div>Orange</div> </div> | <div> <div>Red</div> <div>Yellow</div> <div>Blue</div> <div>Black</div> <div>White</div> </div> <div> <div>Grey</div> <div>Green</div> <div>Orange</div> <div>Brown</div> <div>Light Green</div> </div> | <div> <div>Red</div> <div>Yellow</div> <div>Blue</div> </div> | <div> <div>Red</div> <div>Yellow</div> <div>Blue</div> <div>Black</div> </div> <div> <div>Grey</div> <div>Green</div> <div>Orange</div> <div>Light Green</div> </div> | <div> <div>Red</div> <div>Yellow</div> <div>Blue</div> <div>Black</div> </div> <div> <div>Grey</div> <div>Green</div> <div>Orange</div> <div>Light Green</div> </div> |
| Weight        | 5 g                                                                                                                                            | 4 g                                                                                                                                            | 4 g                                                                                                                                                                                                     | 5.5 g                                                         | 5 g                                                                                                                                                                   | 5 g                                                                                                                                                                   |
| Quantity      | 50 pieces/bag,<br>1500 pieces/carton                                                                                                           | 100 pieces/bag,<br>2500 pieces/carton                                                                                                          | 100 pieces/bag,<br>2500 pieces/carton                                                                                                                                                                   | 50 pieces/bag,<br>1500 pieces/carton                          | 50 pieces/bag,<br>2000 pieces/carton                                                                                                                                  | 50 pieces/bag,<br>2000 pieces/carton                                                                                                                                  |
| Weight        | N.W. 7.5 kg/carton,<br>G.W. 8.5 kg/carton                                                                                                      | N.W. 10 kg/carton,<br>G.W. 11 kg/carton                                                                                                        | N.W. 10 kg/carton,<br>G.W. 11 kg/carton                                                                                                                                                                 | N.W. 8.25 kg/carton,<br>G.W. 9 kg/carton                      | N.W. 10 kg/carton,<br>G.W. 11 kg/carton                                                                                                                               | N.W. 10 kg/carton,<br>G.W. 11 kg/carton                                                                                                                               |

**Dimensions**  
(Unit: mm)



● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment. 
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