

NXP NTAG® 216

ABS RFID Key Fob Tag

AZKF-NTAG216-ABS



Key Features

Operating Frequency
HF 13.56MHz

Chip Type
NXP NTAG® 216

International Standard
ISO/IEC 14443-A, ISO/IEC 14443-3,
NFC Forum Type 2

EEPROM Memory
924 bytes

R/W Availability
R/W

Certificate
WEEE directive

Characteristics
Waterproof

1. Product Overview

Meet our compact and resilient ABS RFID key-fob tag, featuring the advanced NXP NTAG®216 Chip. Encased in durable ABS plastic with a convenient key-ring attachment, this tag is effortlessly portable on key-chains or lanyards. Unlock a world of possibilities with its versatile applications, from cashless payment to access control systems and car parking management.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZKF-NTAG216-ABS					
Material	ABS					
Model No.	ABS-01	ABS-02	ABS-03	ABS-06	ABS-08	ABS-08 (slotless)
Size	44×31×5mm	35×28×4.8mm	40×32×3.8mm	51×32×5.9mm	37×30×8mm	37×30×8mm
Color	<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><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><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><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><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><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><div>Red</div><div>Yellow</div><div>Blue</div></div><div><div>Grey</div><div>Green</div></div></div> <div><div>Red</div><div>Yellow</div><div>Blue</div></div> <div><div>Grey</div><div>Green</div></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><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><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><div>Red</div><div>Yellow</div><div>Blue</div><div>Black</div></div> <div><div>Grey</div><div>Green</div><div>Orange</div></div>
Weight	5g/piece	4g/piece	4g/piece	5.5g/piece	5g/piece	5g/piece

2.2 Packaging

Format	Packed in box					
Quantity	50 pieces/bag, 1500 pieces/carton	100 pieces/bag, 2500 pieces/carton	100 pieces/bag, 2500 pieces/carton	50 pieces/bag, 1500 pieces/carton	50 pieces/bag, 2000 pieces/carton	50 pieces/bag, 2000 pieces/carton
Carton Dimension	49×24×20cm					
Weight	N.W. 7.5KG/carton, G.W. 8.5KG/carton	N.W. 10KG/carton, G.W. 11KG/carton	N.W. 10KG/carton, G.W. 11KG/carton	N.W. 8.25KG/carton, G.W. 9KG/carton	N.W. 10KG/carton, G.W. 11KG/carton	N.W. 10KG/carton, G.W. 11KG/carton



2.3 Technical Parameters

Operating Frequency	13.56MHz
Communication Protocol	ISO/IEC 14443-A, ISO/IEC 14443-3, NFC Forum Type 2
UID	7 byte
EEPROM	924 bytes
User Read/Write Area	888 bytes

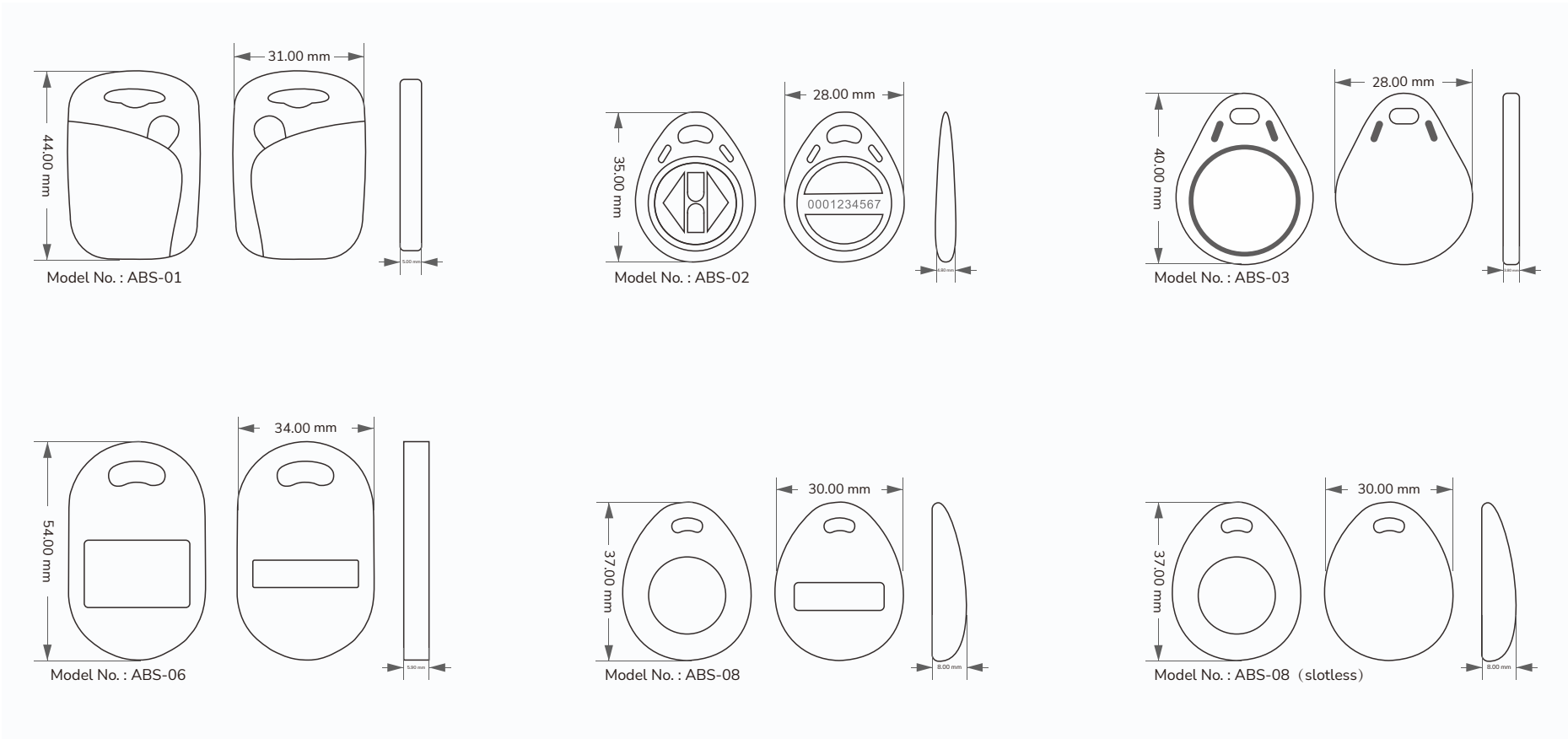
2.4 Chip Characteristics

Chip Manufacturer	NXP
Chip Type	NTAG® 216
Data Retention	10 years
Write Endurance	100,000 times
Operating Distance	up to 10cm
Communication Speed	106 kbit/s
High Data Integrity	16 Bit CRC, parity, bit coding, bit counting
Input Capacitance	50 pF

2.5 Additional Information

Operating Environment	-20°C to +80°C
Application	Cashless payment Access control system Car parking, etc.

3. Size and Specification Drawing



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