



ABS-01



ABS-02



ABS-03



ABS-06



ABS-08



ABS-08(w/o slot)

NXP® MIFARE Ultralight® C HF ABS RFID Key-Fob



SKU:	RS-UTL C-ABS
Chip Type:	NXP® MIFARE Ultralight® C
Frequency:	HF 13.56 MHz
EEPROM Memory:	1536 bits
User Memory:	1152 bits
Protocol:	ISO/IEC 14443-A, NFC Forum Type 2
Compliance:	WEEE Directive
Industry:	Hospitality, Educational Institutions, Transportation, Industrial, Hospitals, Government, Events
Applications:	Access Control, Attendance Tracking, Activity Tracking, Loyalty Programs, Event ticketing, Car parking

The HF ABS RFID Key-Fob is a compact and durable contactless RFID tag designed with a high-frequency (13.56 MHz) NXP® MIFARE Ultralight® C chip enclosed in a robust ABS plastic casing. It features 1536 bits of EEPROM memory and supports 3DES authentication, offering enhanced security compared to the original Ultralight series. Its small, lightweight design allows for easy daily use on keychains and lanyards.

This key fob is ideal for short-term access control, public transportation ticketing, loyalty programs, and event management. With full compliance to ISO/IEC 14443 Type A, it ensures reliable NFC compatibility and fast data transmission, making it a preferred solution for secure, contactless identification in a wide range of commercial and public applications.

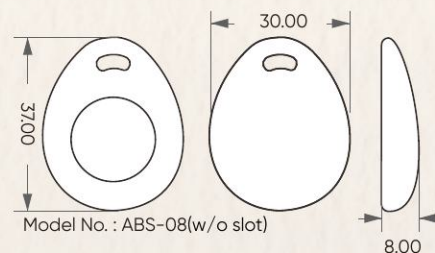
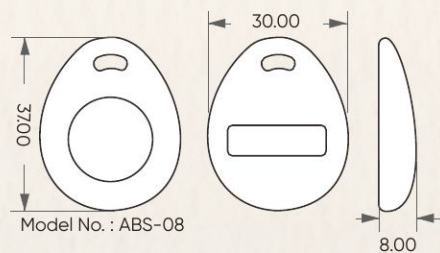
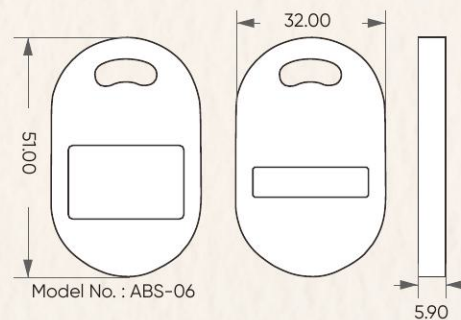
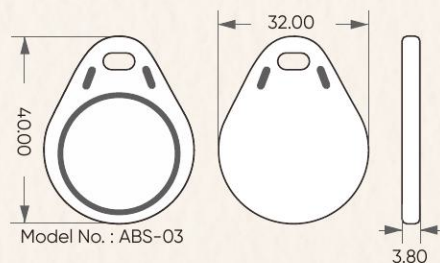
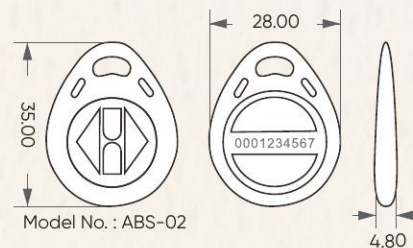
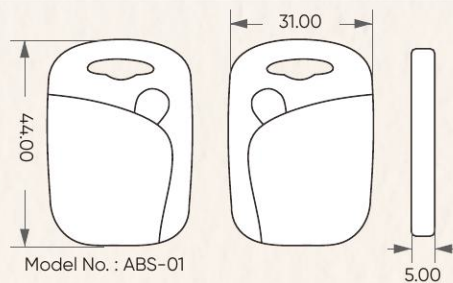
Physical Information	Material	ABS
	Compliance	WEEE Directive
	Characteristics	Waterproof
	Operating Environment	-20°C~+80°C
	Storage Environment	+18°C~+28°C

Technical Information	Operating Frequency	13.56 MHz
	Protocol	ISO/IEC 14443-A, NFC Forum Type 2
	Chip Type	NXP® MIFARE Ultralight® C
	EEPROM Memory	1536 bits
	User Memory	1152 bits
	Read Range	Up to 10 cm
	Security Features	3DES Authentication Anti-cloning support by unique 7-byte serial number for each device 32-bit user programmable OTP area Field programmable read-only locking function per page for first 512-bit Read-only locking per block for the memory above 512 bit

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	● Red ● Grey ● Yellow ● Green ● Blue ● Orange ● Black	● Red ● Grey ● Yellow ● Green ● Blue ● Orange ● Black	● Red ● Grey ● Yellow ● Green ● Blue ● Orange ● Black ● Brown ○ White ● Light Green	● Red ● Grey ● Yellow ● Blue	● Red ● Grey ● Yellow ● Green ● Blue ● Orange ● Black ● Light Green	● Red ● Grey ● Yellow ● Green ● Blue ● Orange ● Black ● Light Green
Weight	5 g	4 g	4 g	5.5 g	5 g	5 g
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
Weight	N.W. 7.5 kg/carton, G.W. 8.5 kg/carton	N.W. 10 kg/carton, G.W. 11 kg/carton	N.W. 10 kg/carton, G.W. 11 kg/carton	N.W. 8.25 kg/carton, G.W. 9 kg/carton	N.W. 10 kg/carton, G.W. 11 kg/carton	N.W. 10 kg/carton, G.W. 11 kg/carton

Label Dimensions
(Unit: mm)



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