



ABS-01



ABS-02



ABS-03



ABS-06



ABS-08



ABS-08(w/o slot)

NXP® MIFARE Classic® EV1 1K HF ABS RFID Key-Fob



SKU:	RS-S50-ABS
Chip Type:	NXP® MIFARE Classic® EV1 1K
Frequency:	HF 13.56 MHz
EEPROM Memory:	1024 bytes
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

This HF ABS RFID Key-Fob is equipped with the reliable NXP® MIFARE Classic® EV1 1K chip, delivering secure and stable NFC performance. It is ideal for smart access control, hotel guest identification, and other secure contactless applications that require dependable data handling.

Encased in a durable ABS shell, this compact key-fob is designed for everyday convenience. Its lightweight form easily attaches to keychains or lanyards, making it a practical solution for users who need quick and secure access on the go.

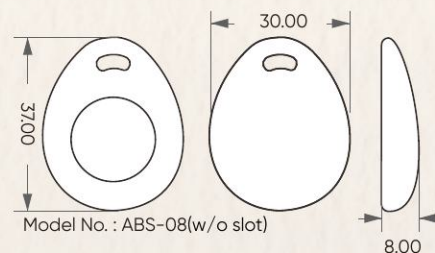
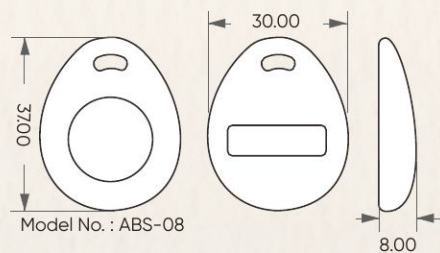
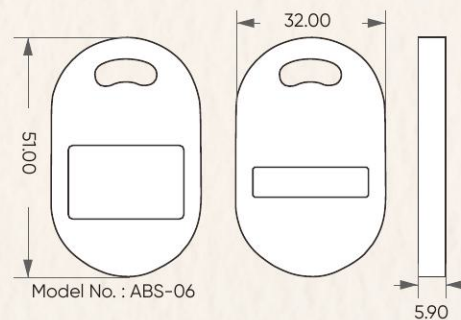
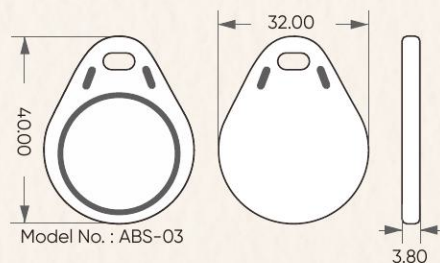
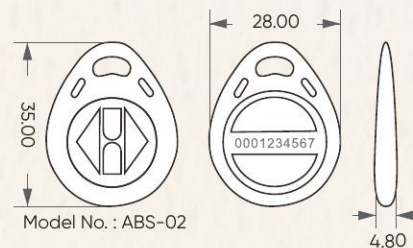
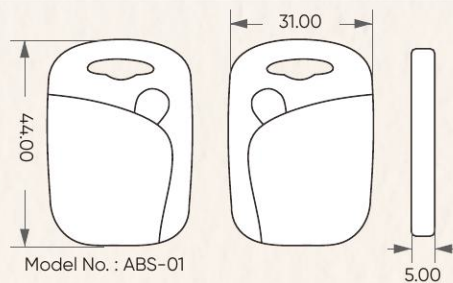
Physical Information	Material	ABS
	Compliance	WEEE Directive
	Characteristics	Waterproof
	Operating Environment	-20°C~+80°C
	Storage Environment	+18°C~+28°C

Technical Information	Operating Frequency	13.56 MHz
	Protocol	ISO/IEC 14443-A, NFC Forum Type 2
	Chip Type	NXP® MIFARE Classic® EV1 1K
	EEPROM Memory	1024 bytes
	Read Range	2-10 cm
	Security Features	Manufacturer programmed 7-byte UID or 4-byte NUID identifier for each device Random ID support Mutual three pass authentication (ISO/IEC DIS 9798-2) Individual set of two keys per sector to support multi-application with key hierarchy

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 Yellow Blue Black Grey Green Orange	Red Yellow Blue Black Grey Green Orange	Red Yellow Blue Black White Grey Green Orange Brown Light Green	Red Yellow Blue	Red Yellow Blue Black Grey Green Orange Light Green	Red Yellow Blue Black Grey Green Orange 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)



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