

RFID ABS KEYFOB



The IDT ABS RFID Keyfob is available in LF (125 kHz), HF (13.56 MHz), and UHF (860–960 MHz) frequencies to support diverse access control and identification needs. LF keyfobs are ideal for basic, short-range access systems and perform reliably in interference-prone environments, HF keyfobs offer secure, contactless authentication and NFC compatibility for modern access applications, while UHF keyfobs enable longer read ranges and faster identification, making them suitable for parking, vehicle access, and asset-related use cases.

PHYSICAL PARAMETERS

Dimensions	38 mm(L) × 30 mm(W) × 6 mm(T)
Tolerance Value	2.35 mm
Color	Customizable
Encasement / Material	ABS, Copper, IC, Metal
Shape	Teardrop
Attachment	Key Ring

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-35°C to +65°C
Storage Temperature	-35°C to +65°C

RF PERFORMANCE

Working Frequency	LF: 125 kHz / HF: 13.56 MHz / UHF: 860–960 MHz
Standard Protocol	LF: ISO 11784/11785 / Proprietary
	HF: ISO 14443, ISO 15693
	UHF: EPC Gen2, ISO 18000-6C
Chip Type	EM4100, EM4200, TK4100, MIFARE® Classic, Ultralight, DESFire®, NTAG, Impinj Monza series, NXP UCODE
Memory	Chip Dependent
Read Range	LF & HF: up to 10 cm UHF: up to 1–5 meters*

PERSONALIZATION

Printing Options

Inkjet printed serial number

Color

Red, Green, Blue, Black etc.

ORDER INFORMATION

Part No.

IDT.UHF.KF01

APPLICATION AREA



Access Control



Manufacturing



Logistics



Healthcare



Supply Chain



Transportation



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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