

CONTACTLESS CARDS



APK Identification Contactless cards are durable and are available in different frequencies and technologies. The card is available in all three frequencies LF, HF and UHF and also in combination of them.

Features:

- Most convenient method of ticketing or access control.
- The Card is built to withstand harsh environments & chemical exposure
- Dust and Waterproof
- Available in various memory and ISO protocols
- Works seamlessly on all non metallic surfaces.
- Optional configuration for Mount on Metal application

Applications:

- Automatic Access Control
- Automatic Fare Collection
- Payment Collection
- Attendance System

Tag Specification Data

	Low Frequency	High Frequency	Ultra High Frequency
ISO Protocol	ISO 18000-2	ISO 14443/ ISO 15693 / NFC	ISO 18000-6C
Operating Frequency	125kHz/134.2kHz	13.56MHz	860-960 MHz (ETSI/FCC)
IC Type	NXP, Silicon craft, Atmel EM, Texas Instruments	NXP, Legic, Infineon	Alien, NXP, Impinj
Memory	IC dependent	IC dependent	IC dependent
Data Retention	Up to 10 years	Up to 10 years	Up to 50 years
Programming Cycle	Up to 100,000 cycles	Up to 100,000 cycles	Up to 100,000 cycles
Material	PVC / PET-G	PVC / PET-G	PVC / PET-G
Dimensions Available	85.6 x 53.98 x 0.78mm	85.6 x 53.98 x 0.78mm	85.6 x 53.98 x 0.78mm
Weight	Max 7g	Max 5g	Max 5g

Data Sheet

Environmental Test Data

Ingress Protection	IP67
Storage Temperature	-5°C to +60°C
Operating Temperature	-5°C to +60°C
Vibration Resistance	Excellent
Shock Resistance	Excellent
Impact Resistance	Good
Chemical Resistance	Highly resistive to water, Washing agents, Ethanol, Detergents, Oils and greases.

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