



Manufacturer of RFID tags

DATASHEET

AFC Token Tag

Tag Code: H251157

AFC Token Tag is extensively used for Automatic Fare Collection Systems. It can be used in Supply Chain Manufacturing, Asset control, Ticketing, Purchasing, Car Parking Management and NFC applications.



Electrical Specification

Air Interface Protocol	ISO/IEC 14443 Type A
Operational Frequency	13.56 MHz
Chip**	NXP Mifare Ultralight
	512 bit, organised in 16 pages, 4 bytes per page
	384 bit user read/write area 12 (pages)
	Data transfer of 106 Kbit/s
Data Retention	5 years
Write endurance	10,000 cycles

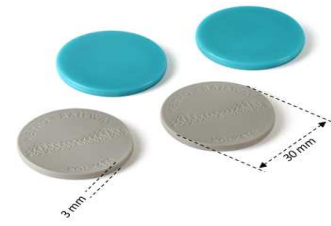
Physical / Mechanical Specification

Diameter	30 mm
Thickness	3.0 mm
Weight	2.7 g
Encasement	PC / ABS
Quality Assurance	100% reader tested
Color**	Grey/ Blue

Environmental Resistance

Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Ingress protection rating	IP67
Attachment***	Pocket insert / Adhesive
Applicable surface	Plastic , wooden

Dimensions



Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours

Resistant to continuous exposure to motor oil for 2 hours

Additionally, abrasion resistant against HCL and IPA

Additional Services

Pre-encoding	On request
Customization***	Logo / text printing on request

* Actual Read range may vary depending upon the reader and environmental factor

** Other on request

*** Available as an option at extra cost

Order Information

Part No.	Description
H251157	With NXP Mifare Ultralight
H251098	With NXP Mifare 1K

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