



Manufacturer of RFID tags

DATASHEET

Key Fob Tag

Tag Code: L353171

Key fob tags are extensively used for access control. RFID Key fobs are produced with unique ID and their housing can be customized with printing or laser engraving of company logo and serial number.



Electrical Specification

Air Interface Protocol	ISO/IEC 11784/85, Read Only Mode
Operational Frequency**	125kHz (134.2kHz on request)
Chip**	EM4200
	128 bit laser programmed ROM (64 & 96 bit option available)
	Several options of data rate and data encoding <ul style="list-style-type: none">❖ Manchester 32 & 64 RF clock per bit❖ Biphas 32 & 64 RF clock per bit❖ PSK 16 RF clock per bit❖ FSK2 50RF clock per bit

Physical / Mechanical Specification

Dimension	53 x37 x5.3 ± 0.2 mm
Slot size	5 x 5 mm
Weight	3.8 ± 0.2 g
Encasement	PC/ABS
Color**	Black & white
Quality Assurance	100% reader tested

Environmental Resistance

Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +80°C
Ingress protection rating	IP67
Attachment***	Cable tie/thread/key ring
Applicable surface	Plastic / wooden
Expected Lifetime	Years in normal operating condition

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
L353171	With EM 4200
L353131	With EM 4305
L353055	With NXP HitagS 256

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