



Manufacturer of RFID tags

DATASHEET

Micro Tag

Tag Code: L342131

Micro Tag is a miniature on-metal tag which provides unparalleled performance for its size. It offers new possibilities for companies to improve their asset Management especially for computers and other devices that contain valuable information.



Electrical Specification

Air Interface Protocol	ISO/IEC 11784/85
Operational Frequency**	125kHz (134.2kHz on request)
Chip**	EM4305
	512 bit EEPROM organized in 16 words of 32 bit
	❖ 32 bit unique identifier (UID)
	❖ 32 bit Password read and write protection
	❖ Lock feature converts EEPROM words into Read Only
	❖ Two data encodings: Manchester and Bi-phase
	❖ Multi-purpose data rate: 8, 16, 32, 40 and 64 RF clocks

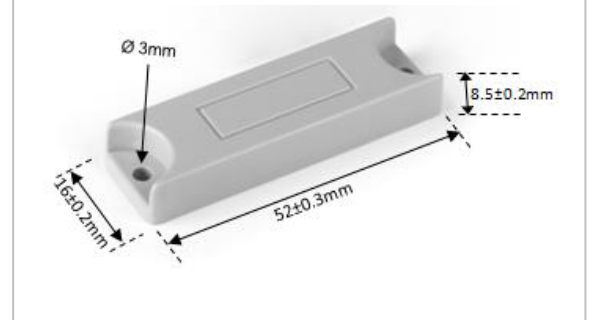
Physical / Mechanical Specification

Diameter	52 x 16 x 8.5mm
Weight	5.0 gm
Encasement	ABS/PC
Quality Assurance**	100% reader tested
Color	Grey/Black

Environmental Resistance

Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +120°C
Ingress protection rating	IP67
Attachment***	Riveting Screws / Adhesive
Applicable surface	Metal, Plastic
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
L34224A	With SIC 7999 HDX
L342171	With EM 4200
L342055	With HitagS 256

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Corporate Office

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