



Manufacturer of RFID tags

DATASHEET

Micro Tag

Tag Code: H342209

Micro tag is 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 15693
Operational Frequency	13.56 MHz
Chip**	NXP I-CODE SLIX-L
	512 bits, organized in 16 blocks of 4 bytes each, 4 blocks are summed up to 1 page
	Fast data transfer: up to 53 Kbit/s
Data retention	50 years
Write endurance	100000 cycles

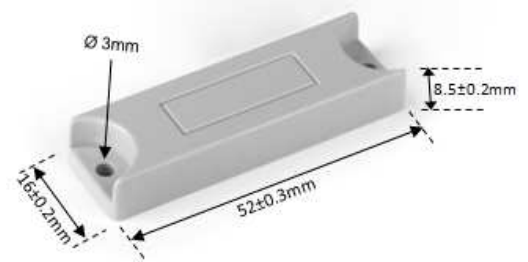
Physical / Mechanical Specification

Dimension	52 x16 x 8.5 mm
Weight	8 g
Color**	Grey
Encasement	ABS/PC
Quality Assurance	100% Read Tested

Environmental Resistance

Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Ingress protection rating	IP68
Attachment***	Riveting /screw/Adhesive
Applicable surface	Plastic, Wooden
Expected Lifetime	Years in normal operating conditions

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
H342157	With NXP mifare UL chip
H342209	With NXP I-CODE SLIX-L
H342107	With NXP I-CODE SLI
H342098	With NXP Mifare 1K
H342231	With SIC 5600

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