



Manufacturer of RFID tags

# DATASHEET

## Micro Tag

Tag Code: H342209

Micro tag is miniature on-metal tag which provides unparallel 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

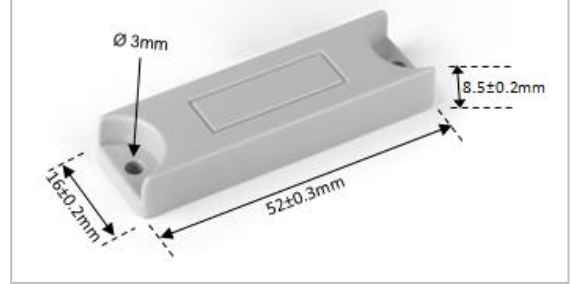
## Physical / Mechanical Specification

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 SLI-X-L
H342107	With NXP I-CODE SLI
H342098	With NXP Mifare 1K
H342231	With SIC 5600

**Omnia Technologies Pvt. Ltd.**

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