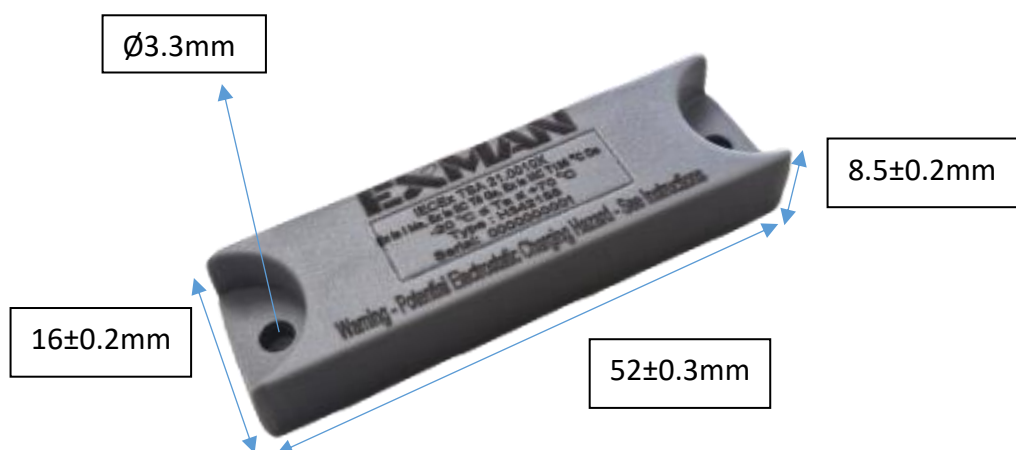# HF Micro Tag

Product 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.

Tag Dimensions

Ø3.3mm

8.5±0.2mm

16±0.2mm

52±0.3mm

Electrical Specifications

Air Interface Protocol	ISO/IEC 15693
Operational Frequency	13.56 MHz
Chip**	NXP I-CODE SLIX-L
	512 bits, organised 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
Read Range*	Up to 280 mm on 4W HF Long Range Reader; medium-sized Antenna
Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Ingress protection rating	IP67
Attachment***	Riveting /screw/Adhesive
Applicable surface	Plastic, Wooden
Expected Lifetime	Up to 5 years in normal operating conditions

Physical and Mechanical Specification

Dimension	52 ± 0.3 x 16 ± 0.2 x 8.5 ± 0.2 mm
Weight	7 g
Colour**	Grey
Encasement	ABS/PC
Quality Assurance	100% Read Tested

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

Order Information

H342158	With NXP Mifare UL chip
H342209	With NXP I-CODE SLIX-L
H342098	With NXP Mifare 1K

*	Actual read range may vary depending upon the reader
**	Other on request
***	Available as an option at extra cost