

RFID
UHF



64K bits
Memory

3 meters

AX'Tag Memento 64K M

The AX'Tag Memento 64K M is a high memory capacity UHF tag that is designed for use on metal. It is able to resist to difficult environments especially since it is IP68.

In addition to being resistant to extreme temperatures, this powerful tag can be read up to a distance of 3m!

The fixing methods are multiple to adapt to any identification or tracking application: glue, adhesive or bolts.

Key features

- Resistance to high temperature
- Extended UHF memory
- Reading distance up to 3m

Applications

Metal returnable containers, metal pallets, high value metal items, aerospace applications, military applications...

Options

Fixing method	Glue, screw	Adhesive
Reference	AX'Tag Memento M, without adhesive	AX'Tag Memento M, with adhesive
	<p>Front</p> <p>Back</p>	<p>Front</p> <p>Back</p>

Possible tag customization with logo depending on quantities.

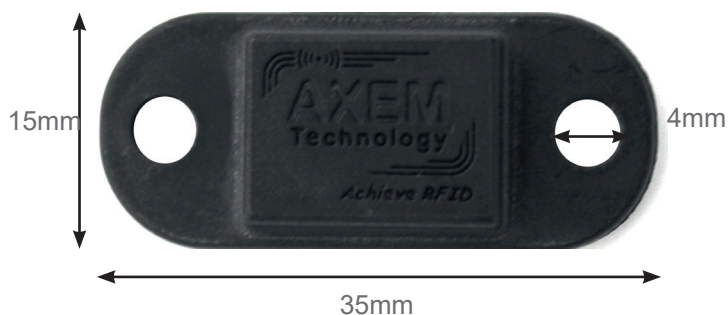
Physical specifications

Dimensions	35mm (length) x 15mm (width) x 7mm (height), hole : 4mm
Tag Material	PPS
Mounting Method	Glue, adhesive, bolts or bands used to attach the tag to metal surface
Applicable surface	On metal

V3.0

Non-contractual datasheet

Plan view



Profil view



Functional specifications

Type	UHF
Frequency	865-869 MHz (EU) or 902-928 MHz (US)
Air interface protocol	EPC Global Class1Gen2; ISO 18000-63
IC Type	AXiC 1
Memory	64Kbits
Data retention	50 years at 55°C
Write Cycles	100 000
Functionalities	Read & write
Read range	Up to 3 meters (depending on the reader and environment)

Environmental and industry compliance

Certificates	ATEX compliant RoHS compliant
IP classification	IP68: - Complete protection against dust - Protection against continuous immersion in water
Storage Temperature	-50°C to +200°C
Operating Temperature	-50°C to +80°C
Weather ability	Excellent, including UV-resistance and sea water immersion
Chemical resistance	No physical or performance changes in: - Salt water - NaOH - Sulfuric acid - Motor oil Generally good against : - Most solvents - Most acids and bases

V3.0
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