

AX'Tag Atomic 1309

This UHF tag is compatible with metal. Thanks to its small size (13 x 9 x 3 mm) the tag is very easily integrated in small metal equipment, such as industrial hand tools. It provides reliable identification.

Key features



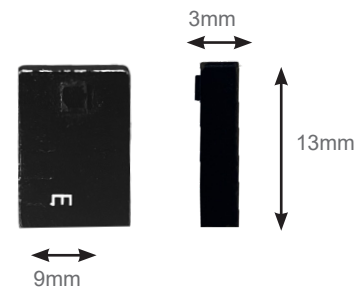
Applications

Metal objects management:

- Logistics management,
- tools tracking,
- cold-chain management,
- ...

Physical specifications

Dimensions	13 x 9 x 3 mm
Tag Material	Enamel coating
Mounting Method	Glue
Applicable surface	On metal
Color	Black



Functional specifications

Type	UHF
Frequency	865-868 MHz (EU)
Air interface protocol	ISO 18000-6C EPC Class1 Gen2
Certificate	CE, RoHs
IC Type	Alien Higgs 3
Memory	EPC 96 bits (Up to 480 bits), User 512 bits, TID 64 bits
Data retention	50 years
Write Cycles	100 000 cycles
Functionalities	Read/write
Read range	4,5 m

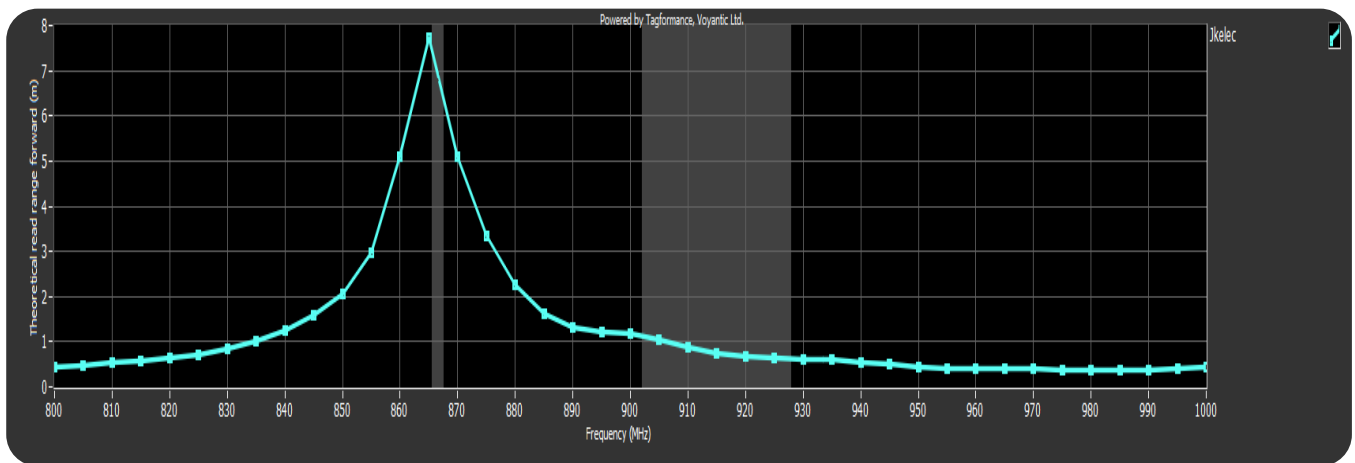
V1.0
Non-contractual datasheet

Environmental and industry compliance

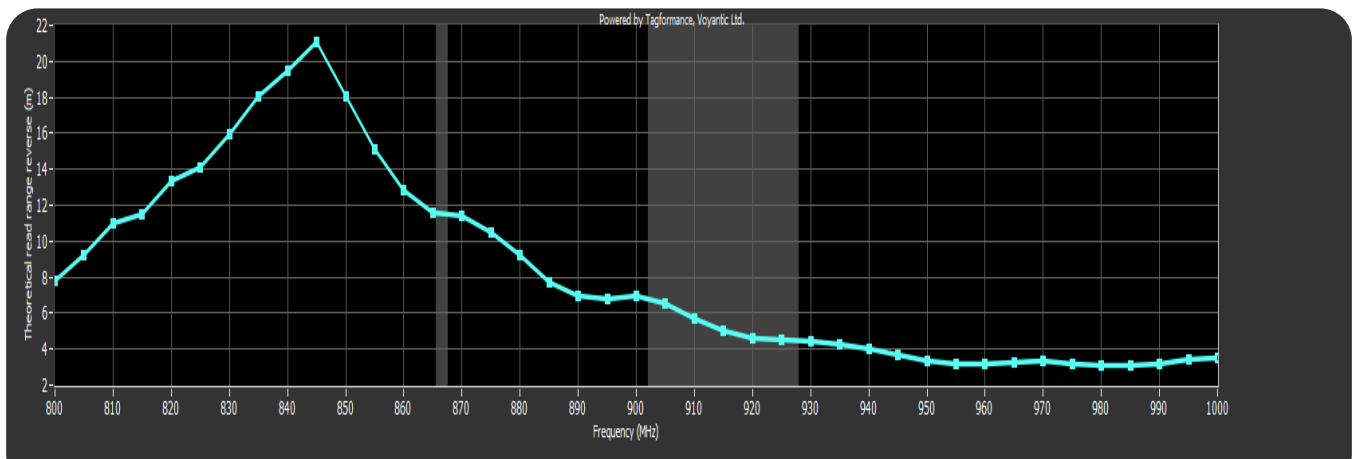
IP classification	IP68
Temperature	-20°C to 85°C

Measured read range

Forward



Reverse



References

TAGUHF2093EU	AX'Tag Atomic 1309 UHF, EPC Class1 Gen 2, Alien H3, 13 x 9mm, EU
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