



Glass Tag

FEATURES

- The glass packaging of the Glass Tag is resistant to chemicals and humidity.
- Packaged in waterproof and dustproof housing.
- Tag can be pre-programmed with specific IDs based on customers' requirements.
- Easy-to-inject the tag into an animal via a syringe.
- Flexible Read/Write Range (reader dependant).
- Insensitive to almost all non metallic materials.

APPLICATIONS

- It is a perfect tag to aid in animal, small parts, medical parts identification, and similar asset tracking.
- It is intended for use in animal tracking, and is safely injectable when serving its tracking function.
- To identify and store the information of the livestock.

Chip Type:	HitagS 256 bit 134.2 KHz	
	256 bits, organized in 16 blocks of 4 byte each	
	Data retention of 10 years	
	Write endurance 100.000 cycles	
Mechanical:	Outer Dia.	2.15mm
	Length	11.8mm
	Material	Glass
	Colour	Transparent
	Weight	<0.10 gms.
	Antenna Type	Wire Antenna
Electrical:	Operating Frequency	134.2 KHz
	Operating mode	Passive (battery-less transponder)
Ingress Protection:	IP68	
Thermal:	Storage Temp.	-20 °C to +85 °C
	Operating Temp.	-20 °C to 85 °C
	Transport Conditions	-40 °C to 85 °C
Part Number:	16N01	
Options:	Other IC type and size on request	

*Preliminary Data Sheet: Certain specification subject to change.