

DATASHEET

Cattle Ear Tag

Tag Code: L46224A

Cattle Ear Tag is ideal for identification, tracking and health, history & nutrition management of cattle. It is made with special TPU material and is over-moulded making it more robust and durable in outdoor environment. It can be reusable or temper-proof depending on application. It is available with different chips and memory sizes including FDX and HDX animal modes. and can be made in custom colors .



Electrical Specification

Air Interface Protocol	ISO/IEC 11784/85, Animal Mode, FDX, HDX
Operational Frequency	134.2KHz
Chip**	SIC 7999 HDX
	R/W user data memory of 6x32 (192 bits) for database management
	192 Bits, Extended Read Range HDX <ul style="list-style-type: none"> ❖ Supporting user access to factory unique ROM (UID), preventing chips from cloning ❖ Direct Access/Write mode ❖ Read-only Animal ID section when no command received ❖ Read/Write or OTP configuration

Physical / Mechanical Specification

Model	Close Cap	Open Cap
Diameter	30.4 mm	30.4 mm
Height	15.50 mm	12 mm
Weight	7.2 gm	7 gm
Encasement	TPU	
Quality Assurance	100% read tested	
Color**	Yellow	

Environmental Resistance

Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +120°C
Ingress protection rating	IP67
Attachment***	Male pin by applicator
Expected Lifetime	Years in normal operating condition

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
L46224A	With SIC 7999 HDX, Open Cap
L462131	With EM 4305 chip, Open Cap
L462055	With HitagS 256, Open Cap
L462219	With Hitag Micro, Open Cap

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