Manufacturer of RFID tags

LF Universal Tag (without hole)

Product Code: L125171

Universal Tag is ideal for asset tracking in industrial & logistics application. It is available with different Chips & memory Sizes.

Tag Dimensions

Ø 30 ± 0.2mm

Thickness : 3.0 mm

Electrical Specifications

Air Interface Protocol	ISO/IEC 11784/85, Read Only Mode
Operational Frequency**	125kHz (134.2kHz on request)
Chip**	EM4200
	128-bit laser programmed ROM (64- & 96-bit option available)
	Several options of data rate and data encoding ❖ Manchester 32 & 64 RF clock per bit ❖ Bi phase 32 & 64 RF clock per bit ❖ PSK 16 RF clock per bit ❖ FSK2 50RF clock per bit
Read Range*	Up to 80 mm on GIS TS – RW 38 Plus reader
Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +80°C
Ingress protection rating	IP66
Attachment***	Adhesive
Applicable surface	Metal, Wooden, Plastic

Physical and Mechanical Specification

Diameter	Ø 30 mm
Thickness	3.0 mm
Weight	2.0 gm
Encasement	PC/ ABS
Colour**	Black
Quality Assurance	100% reader 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

L125171	With EM4200
L125131	With EM4305
L125055	With NXP HitagS 256

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