

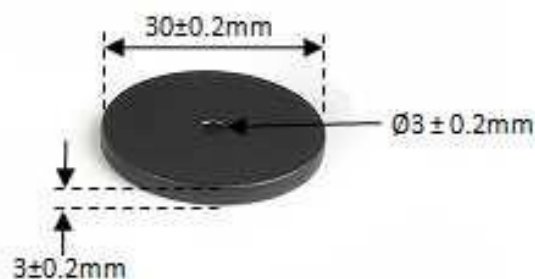
LF Universal Tag (with hole)

Product Code: L12X171

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



Tag Dimensions



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 <ul style="list-style-type: none"> ❖ 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 70 mm on GiS TS – RW 380 Plus reader
Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +80°C
Ingress protection rating	IP66
Attachment***	Riveting/ Screw / Adhesive
Applicable surface	Metal, Wooden, Plastic

Physical and Mechanical Specification

Diameter	Ø 30 mm	Ø 25 mm	Ø 20 mm
Thickness	3.0 mm	3.0 mm	3.0 mm
Weight	3.0 gm	2.3 gm	1.2 gm
Hole Diameter	Ø 3.0 mm	Ø 3.0 mm	Without hole
Tag Code	L123171	L122171	L121171
Encasement	PC / ABS		
Color**	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

L12X171	With EM4200
L12X131	With EM4305
L12X055	With NXP HitagS 256

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

Omnia Technologies Pvt. Ltd.

Plot No. 68, Sector-5, IMT Manesar, Gurugram, Haryana-122050, INDIA

Email: sales@omniatags.com