

DATASHEET

Epoxy Disc Tag

Tag Code: L37X171

Epoxy tag is ideal for tracking assets in industrial and logistical applications, especially for waste management. It is available in different sizes and memory.



Electrical Specification

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 ❖ Biphasic 32 & 64 RF clock per bit ❖ PSK 16 RF clock per bit ❖ FSK2 50RF clock per bit

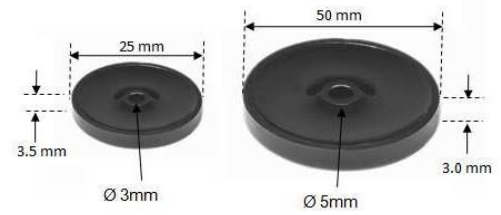
Physical / Mechanical Specification

Diameter	Ø 25 mm	Ø 50 mm
Thickness	3.5 mm	3.0 mm
Hole Diameter	3.0 mm	5.0 mm
Weight	2.7 g	6.2 g
Tag Code	L374171	L376171
Color**	Black	
Encasement	PC / Nylon	
Quality Assurance	100% reader tested	
Color	Black	

Environmental Resistance

Operating temperature	-40°C to +80°C
Storage temperature	-40°C to +80°C
Ingress protection rating	IP67
Attachment***	Rivet / Screw /Adhesive /
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
L374171	With EM4200, Ø 25mm
L374131	With EM 4305, Ø 25mm
L374055	With NXP HitagS 256, Ø 25mm

Part No.	Description
L376171	With EM4200, Ø 50mm
L376131	With EM 4305, Ø 50mm
L376055	With NXP HitagS 256, Ø 50mm

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