



MESONTAGS

the smarter way of identification

Description & Features

LF Key Ring Tag is the RFID tag that can be exclusively used for access security purpose. it can also be used for asset tracking purpose in industrial & logistics application too and can be customize with different IC variants and memory area depending on requirement.



LF KEY RING TAG (Part No. : 11N1N9001)

www.mesontags.com

Electrical Characteristics

Communication ISO Protocol	ISO/IEC 11784/85
Operating Frequency band	125 KHz / 134.2 KHz
Chip type	EM4305 (Other upon request)
Memory Organization	<ul style="list-style-type: none"> • 512 bit EEPROM organized in 16 words of 32 bit • 32 bit unique identifier (UID) • 32 bit Password read and write protection • Lock feature converts EEPROM words into Read Only • Two data encodings: Manchester and Bi-phase • Multi-purpose data rate: 8, 16, 32, 40 and 64 RF clocks

Data retention	10 Years
Endurance cycle	10,000 Cycles

Physical Characteristics

Dimension	: 50 x 35mm, Thickness - 5mm,
Hole size	: 2.5 x 8mm
Encasement	: ABS/PC
Weight	: 3.5 gm
Color	: Grey (other upon request)
Quality Testing	: 100%

Environmental Characteristics

Ingress Protection	: IP67
Operating Temperature	: -40°C to +85°C
Storage Temperature	: -40°C to +85°C
Application	: Off metal
Attachment/ mounting	: Adhesive / Thread / Cable tie

Chemical Characteristics

■ Resistance to salt water exposure	: Yes
■ Resistance to lubricant exposure	: Yes
■ Resistance to IPA & thinner	: Yes

Optional

■ Encoding/ Programming	: Yes
■ Logo and/or Text printing	: Yes

Ordering code and descriptions

11N1N9001	: With EM4305
11N1N9002	: With EM4200
11N1N9003	: With NXP HitagS256

Dimensions

