



MESONTAGS

the smarter way of identification

Description & Features

LF Jewel tag is the best selection to the protection against theft and counterfeit of high value items and accessories. it can be used for access security and asset tracking purpose in industrial & logistics application too and can be customize with different IC variants and memory depending on requirement.



LF JEWEL TAG (Part No. : 11M1N9201)

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	: 39.5 x 18.5mm, Thickness - 3.5mm,
Hole size	: 3 x 5mm
Encasement	: ABS/PC
Weight	: 2.8 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

11M1N9201	: With EM4305
11M1N9202	: With EM4200
11M1N9203	: With NXP HitagS256

Dimensions

