



### Description & Features

LF Epoxy Coin tag is very small in size, its rugged construction provides it dust and water protection. It is perfect to use in supply chain, goods and object identification in manufacturing & industrial environment and can be customized with different IC variants and memory area depending on requirement.



**25mm LF EPOXY COIN TAG** (Part No. : 11D1N8801)

[www.mesontags.com](http://www.mesontags.com)

### Electrical Characteristics

Communication ISO Protocol	ISO/IEC 11784/85
Operating Frequency band	125 KHz / 134.2 KHz
Chip type	<b>EM4305 (Other upon request)</b>
Memory Organization	<ul style="list-style-type: none"> <li>• 512 bit EEPROM organized in 16 words of 32 bit</li> <li>• 32 bit unique identifier (UID)</li> <li>• 32 bit Password read and write protection</li> <li>• Lock feature converts EEPROM words into Read Only</li> <li>• Two data encodings: Manchester and Bi-phase</li> <li>• Multi-purpose data rate: 8, 16, 32, 40 and 64 RF clocks</li> </ul>
Data retention	10 Years
Endurance cycle	10,000 Cycles

### Physical Characteristics

Dimension	: Dia 25mm, Thickness - 3mm
Hole size	: 2.2mm
Encasement	: ABS/PC
Weight	: 2.2 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 / Screw / Rivet

### 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

11D1N8801	: With EM4305
11D1N8802	: With EM4200
11D1N8803	: With NXP HitagS256

### Dimensions

