



MESONTAGS

the smarter way of identification

Description & Features

LF DuraMax Tag's rugged construction and high durability make it best suitable RFID tag for asset identification, along with other applications like warehouse management, container management, waste management and many more. it can be customize with different IC variants and memory area depending on requirement.



LF DURAMAX TAG (Part No. : 1101N8601)

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 50 x 10mm
Hole size	: 5.0mm
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	: On & 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

1101N8601	: With EM4305
1101N8602	: With EM4200
1101N8603	: With NXP HitagS256

Dimensions

