



Description & Features

LF PET tag is small sized dust and water proof RFID tag. it's perfect to use for objects identification like carton box, bins etc in manufacturing, warehouse & industrial application and can be customize with different IC variants and memory area depending on requirement.



30mm LF PET DISC TAG (Part No. : 11L1N8001)

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	: Dia 30mm
Thickness	: 0.7mm
Encasement	: PET
Weight	: 1.1 gm
Color	: Transparent
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

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	: N/A

Ordering code and descriptions

11L1N8001	: With EM4305
11L1N8002	: With EM4200
11L1N8003	: With NXP HitagS256

Dimensions

