



MESONTAGS

the smarter way of identification

Description & Features

LF Button tag is mechanically highly durable and rugged constructed especially to use in laundry and linen identification, tracking of garments in rental, textile and dry cleaning industry. It is designed to endure harsh washing conditions like- high pressure, heat, detergent & chemical washing.



LF BUTTON TAG with hole (Part No. : 11B1N9801)

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 16mm, Thickness 3mm & hole dia 1.6mm
Encasement	: High temperature Engineering plastic
Weight	: 0.95gms
Color	: Grey, Black or White
Quality Testing	: 100%

Environmental Characteristics

Ingress Protection	: IP68
Operating Temperature	: -40°C to +150°C, 180°C for short time
Storage Temperature	: -40°C to +80°C
Application on	: Textile / Fabric
Attachment/ mounting	: Tailoring

Chemical Characteristics

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

Additional Customization

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

Ordering code and descriptions

11B1N9801	: With EM4305
11B1N9802	: With EM4200
11B1N9803	: With NXP HitagS256

Dimensions

