

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 (Part No.: 11A1N9801)

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 | 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 Encasement Weight Color Quality Testing Dia 16mm, Thickness 3mm
High temperature Engineering plastic
0.95gms
Grey, Black or White
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 |

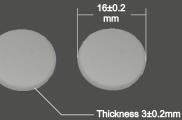
Additional Customization

| Encoding/ Programming | : Yes |
|---------------------------|-------|
| Logo and/or Text printing | : Yes |

Ordering code and descriptions

11A1N9801 11A1N9802 11A1N9803 : With EM4305 : With EM4200 : With NXP HitagS256

Dimensions





Mesontags Technologies Pvt. Ltd. Reg. Office: Preet Vihar, Delhi 110092, India

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