

# LF Transmitter Antenna AS737



RoHS

## Description

- LF transmitter antenna.
- L × W × H: 74.3 × 14.7 × 7.7 mm Max.
- Product weight: 15.5 g (harness excluded).
- Waterproof level: IPX4.
- Pre-set resonant frequency to 125kHz, 134.2kHz or customization.
- Reference electric field: 99dB  $\mu$  V/m@3m (@ 125kHz, 1.0App)
- Over molding, with/without connector.
- 2 wires or 3 wires be available for harness.
- RoHS compliance.

## Environmental Data

- Operating temperature range: -40°C~+85°C
- Storage temperature range: -40°C~+85°C

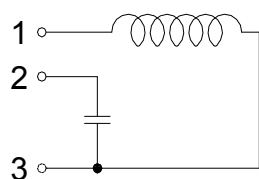
## Packaging

- Plastic tray and carton box.
- Carton dimension: 500 × 300 × 175mm.
- 100pcs/box.

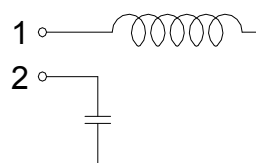
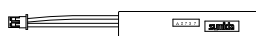
## Applications

- PEPS, Smart key system.
- Security system

## Connection

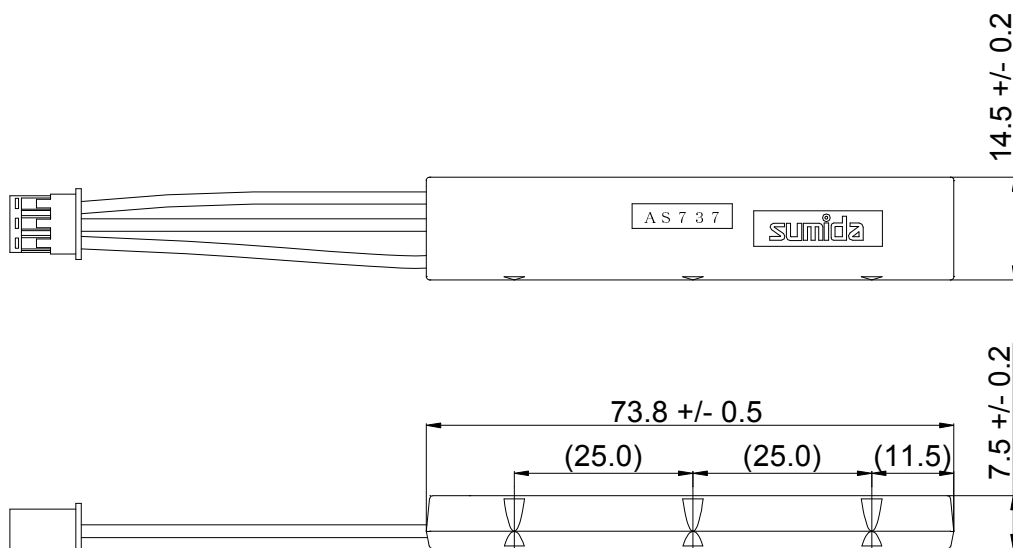


3 wires

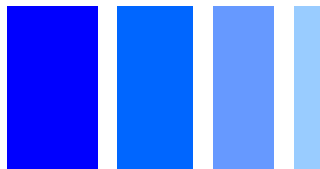


2 wires

## Dimension - [mm]



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## Electrical Characteristics

Part No.	Tuning capacitance	Resonant frequency	Resonant Current	Load resistance
AS737-125-332	3.3nF	125±1.0kHz	0.7App	4.7 Ω
AS737-125-682	6.8nF	125±1.0kHz	1.2App	4.7 Ω
AS737-125-103	10nF	125±1.0kHz	1.8App	4.7 Ω
AS737-125-153	15nF	125±1.0kHz	1.8App	4.7 Ω
AS737-125-223	22nF	125±1.0kHz	2.0App	4.7 Ω
AS737-134-332	3.3nF	134.2±1.0kHz	1.1App	4.7 Ω
AS737-134-682	6.8nF	134.2±1.0kHz	1.2App	4.7 Ω
AS737-134-103	10nF	134.2±1.0kHz	1.8App	4.7 Ω
AS737-134-153	15nF	134.2±1.0kHz	1.9App	4.7 Ω
AS737-134-223	22nF	134.2±1.0kHz	2.1App	4.7 Ω

For more information, please browse our website <http://www.sumida.com>

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