

LF Transmitter Antenna AS4112



Description

- Compact LF transmitter antenna.
- Installation space can be saved.
- L × W × H: 43.4 × 12 × 15 mm
- Product weight: 7.5 g (harness excluded).
- Waterproof level: IPX6.
- Pre-set resonant frequency to 125kHz, 134.2kHz or customization.
- Reference electric field: 98 μ V/m@3m (@ 134.2kHz, 1.4App)
- Resin potted, with/without connector.
- RoHS compliance.

Environmental Data

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

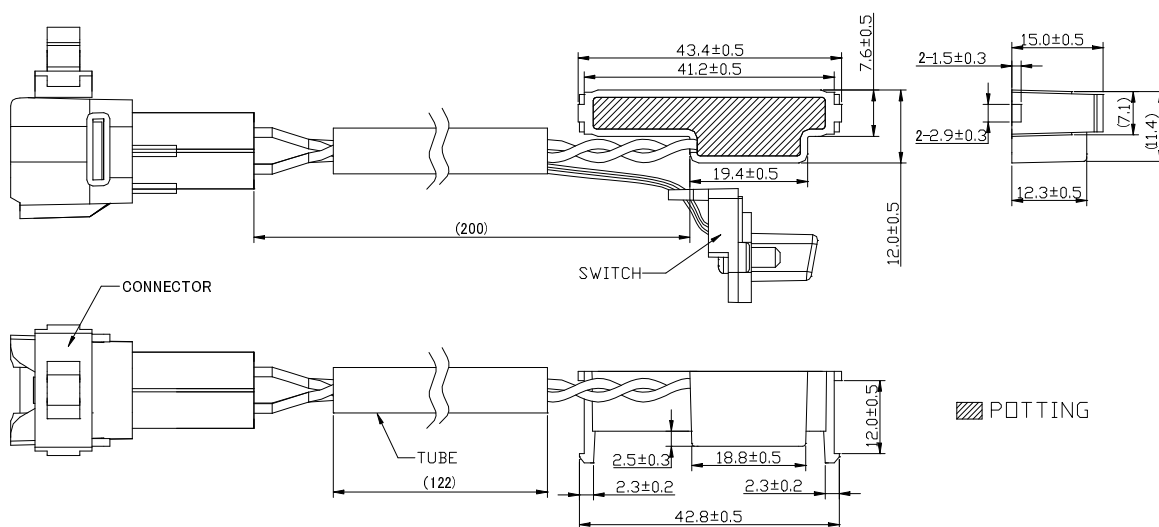
Packaging

- Plastic tray and carton box.
- Carton dimension: 500 × 300 × 195mm.
- 90pcs/box.

Applications

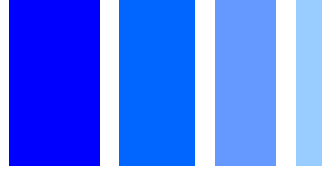
- PEPS, Smart key system.
- Security system

Dimension - [mm]



* The dimensions without tolerance are reference values.

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Electrical Characteristics

Part number	Tuning capacitance	Resonant frequency	Resonant current	Load resistance
AS4112 -125-332	3 . 3 n F	125.0±1.5kHz	1.0App	4. 7 Ω
AS4112 -134-332	3 . 3 n F	134.2±1.5kHz	1.2App	4. 7 Ω
AS4112 -125-472	4 . 7 n F	125.0±1.5kHz	1.2App	6. 8 Ω
AS4112 -134-472	4 . 7 n F	134.2±1.5kHz	1.3App	6. 8 Ω

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

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