

LF Receiver Antenna CAS11D28



RoHS



Description

- LF receiver antenna for X/Y axis.
- Covered by over-molding.
- Low profile.
- High Sensitivity and Reliability.
- L × W × H: 11.6 × 3.5 × 2.95 mm Max.
- Product weight: 0.32g Ref..
- RoHS compliance.

Environmental Data

- Operating temperature range: -40°C~+85°C
- Storage temperature range: -40°C~+125°C

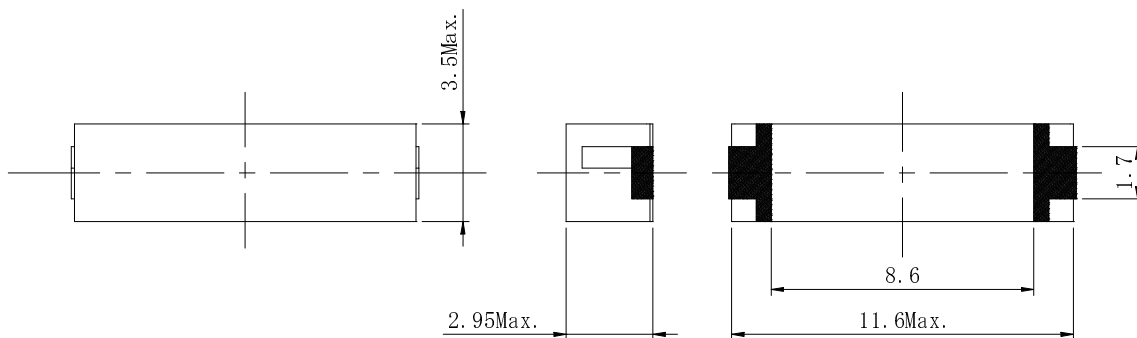
Packaging

- Carrier Tape and Reel.
- Tape specification according to EIA481.
- 2000pcs/reel.

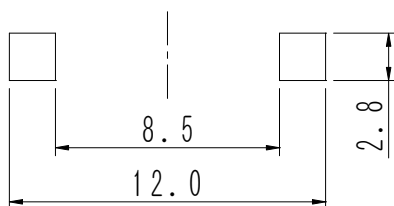
Applications

- PEPS, Smart key system.
- TPMS.
- Security system.

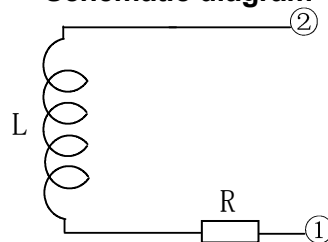
Dimension - [mm]



Suggest PCB layout - [mm]



Schematic diagram



L: Ferrite core coil inductance.
R: Copper resistance.

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Electrical Characteristics

Part No.	Stamp	Inductance	Qu	D.C.R. (Ref.)	SRF	Measuring conditions
CAS11D28-232	232	2.38mH $\pm$ 3%	Min.40	24 Ω	Min.700kHz	125kHz,1V
CAS11D28-262	262	2.6mH $\pm$ 3%	Min.40	26 Ω	Min.700kHz	125kHz,1V
CAS11D28-462	462	4.6mH $\pm$ 3%	Min.40	42 Ω	Min.700kHz	125kHz,1V
CAS11D28-722	722	7.2mH $\pm$ 3%	Min.40	55 Ω	Min.700kHz	125kHz,1V

* It is possible for different inductance value.

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

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