LF Receiver Antenna
CAS16D14

RoHS

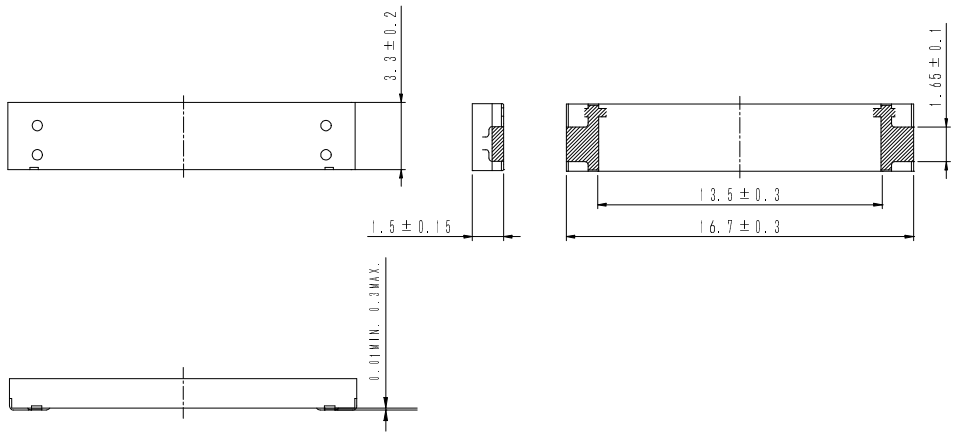
Description
- LF receiver antenna for X/Y axis.
- Covered by over-molding.
- Low profile.
- High Sensitivity and Reliability.
- L × W × H: 17.0 × 3.5x1.65 mm Max.
- Product weight: 0.23g Ref..
- RoHS compliance.

Environmental Data
- Operating temperature range: -40℃~+85℃
- Storage temperature range: -40℃～+125℃

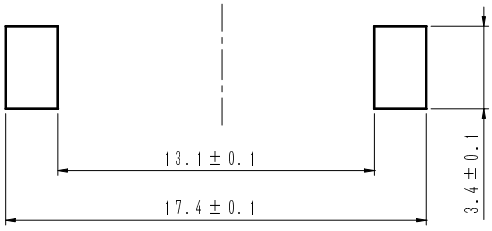
Packaging
- Carrier Tape and Reel.
- Tape specification according to EIA481.
- 3000pcs/reel.

Applications
- PEPS, Smart key system.
- Security system

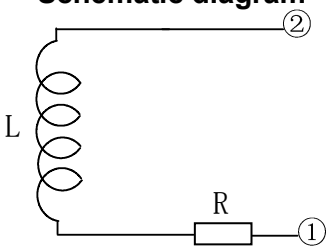
Dimension - [mm]



Suggest PCB layout - [mm]



Schematic diagram



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

Revised: 17-Aug-11

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Electrical Characteristics

Part No.	Stamp	Inductance	Qu	D.C.R. (Ref.)	SRF	Measuring conditions
CAS16D14-232	232	2.38mH±3%	Min.30	40.0Ω	Min.1.2MHz	125kHz,1V
CAS16D14-602	602	6.0mH±3%	Min.30	84.2Ω	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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Revised: 17-Aug-11