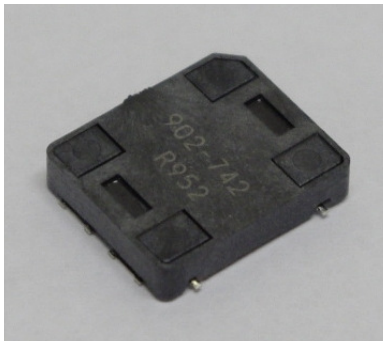
LF Receiver Antenna
CAS13D28

RoHS



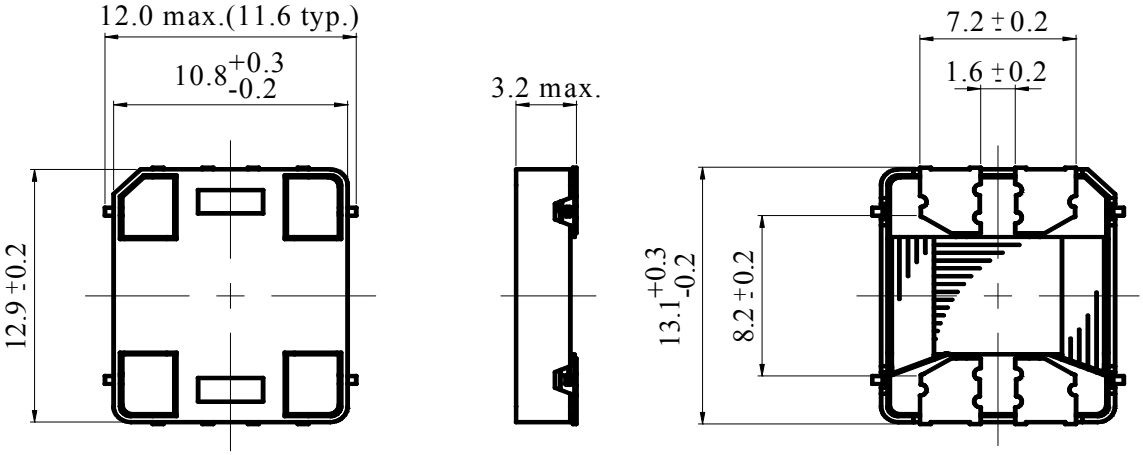
Description
- Compact LF receiver antenna (2D).
- Covered by plastic case
- High Sensitivity and Reliability.
- L × W × H: 12.0 × 13.1 × 3.2 mm Max.
- Product weight: 0.84g Ref..
- RoHS compliance.

Environmental Data
- Operating temperature range: -40℃~+85℃
- Storage temperature range: -40℃~+100℃

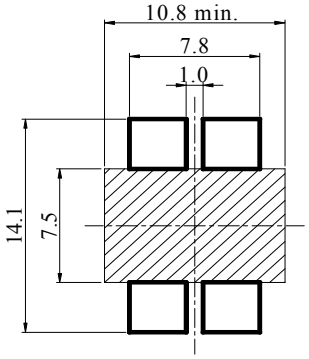
Packaging
- Carrier Tape and Reel.
- Tape specification according to EIA481.
- 500pcs/reel.

Applications
- PEPS, Smart key system.
- Security system

Dimension - [mm]

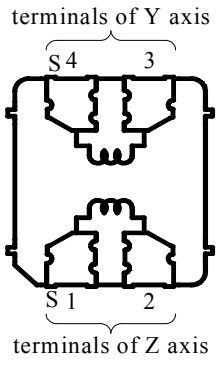


Suggest PCB layout - [mm]



* Please do not arrange the wiring pattern in ▨

Schematic diagram



Revised: 17-Aug-11

LF Receiver Antenna
CAS13D28

Electrical Characteristics

No.	Part No.	Y axis (4-3)			Z axis (1-2)		
		Inductance	Unload Q	S.R.F.	Inductance	Unload Q	S.R.F.
		mH		kHz	mH		kHz
01	CAS13D28-902	9.0 ±5%	25 typ.	500 min.	7.4 ±5%	18 typ.	500 min.
02	CAS13D28-602	6.0 ±5%	26 typ.	600 min.	4.2 ±5%	19 typ.	700 min.
03	CAS13D28-342	3.4 ±5%	27 typ.	700 min.	2.4 ±5%	20 typ.	900 min.

＊ It is possible for different inductance value.

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

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