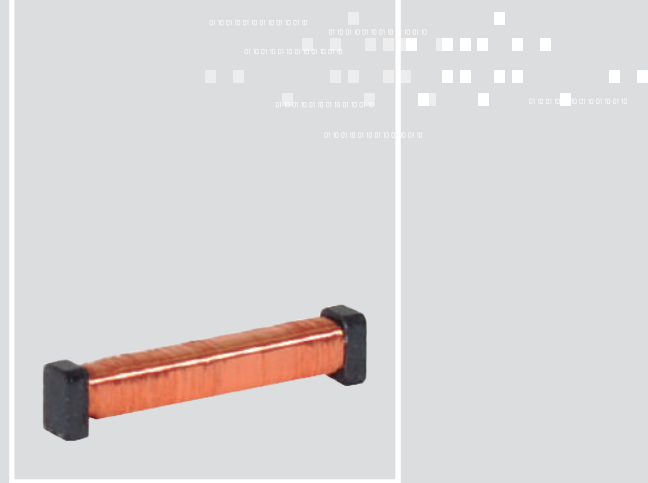


# TC1102

## SMD Telecoil

10.5x1.4x2mm (350mH - 460mH)

TELECOILS



### FEATURES

This new design is coil with a very stable and high quality ferrite core and tiny size (10.5x1.4x2mm) and high sensitivity in low frequency range (20-40kHz). Those pieces are winding with thin copper wire up to 12µm and its inductances range is 350-630 mH. Besides, it has good frequency and temperature behaviour and can be served with "custom" electrics characteristics according requirements of hearing aid devices manufacturers.

## 01 CHARACTERISTICS

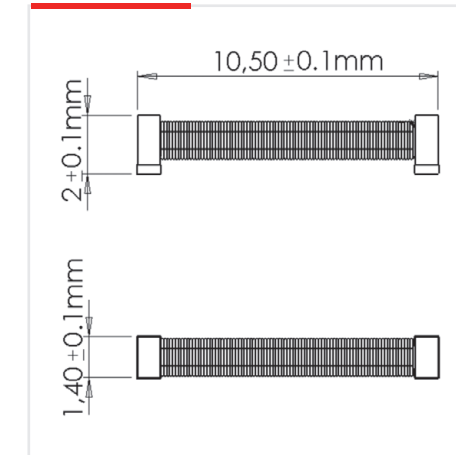
- › Small size
- › High sensitivity
- › SMD mounting

## 02 APPLICATIONS

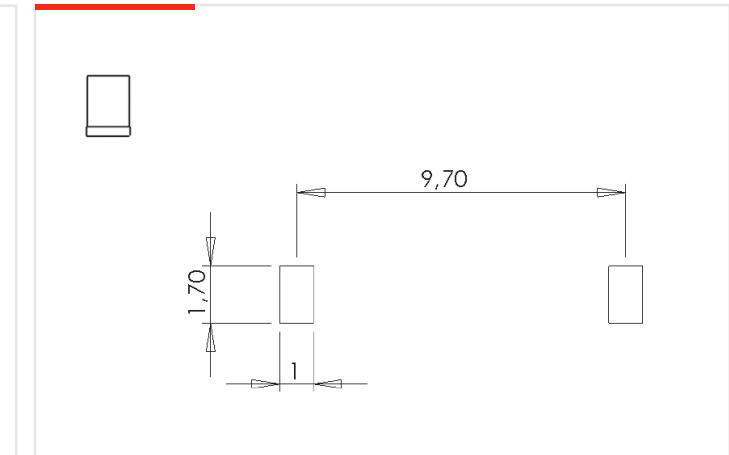
- › Hearing aid devices

## 03 SPECIFICATIONS

### DIMENSIONS (mm)



### RECOMMENDED PAD-LAYOUT



### ELECTRICAL SPECIFICATIONS

	L (mH) @ 1kHz	Tolerance	Rdc MAX (KΩ)	SRF (kHz)	Sensitivity (mVpp/App/m) @1kHz
TC1102-35000J	350	±5%	2,75	> 50	> 2,3
TC1102-46000J	460	±5%	3,3	> 50	> 3,16

This chart is a reference guide for the most common required values at working frequency of 1KHz. Any other inductance value at LF or tighter tolerances can be provided. Please contact our sales department for any inquiry. Sensitivity measured with Helmholtz coils H=6,34 App/m @1 kHz. Contact us for measurement specification. Metallization: Ag(Base)/Ni(inter)/Sn(Finish)