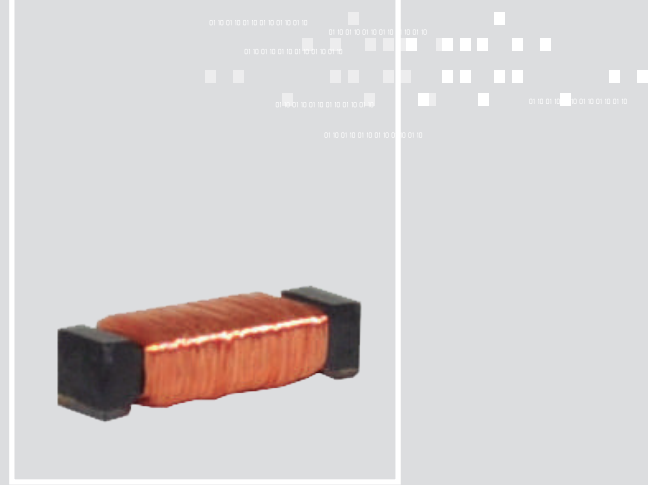


## TP0602-TC

**Micro SMD Hard Ferrite Telecoil**  
**6.6x2.3x1.75mm (40mH - 170mH)**

TELECOILS



### FEATURES

The TP0602-TC surface mountable ferrite wound inductor is a small telecoil solution for hearing aid devices. It uses high quality ferrite core and tiny size (6.6 x 2.3 x 1.75 mm). Those pieces are winding with thin copper wire up to 12  $\mu$ m and its inductance range is 40-170mH. Besides, it has good frequency and temperature behavior and can be served with "custom" electrics characteristics according requirements of hearing aid devices manufacturers.

### 01 CHARACTERISTICS

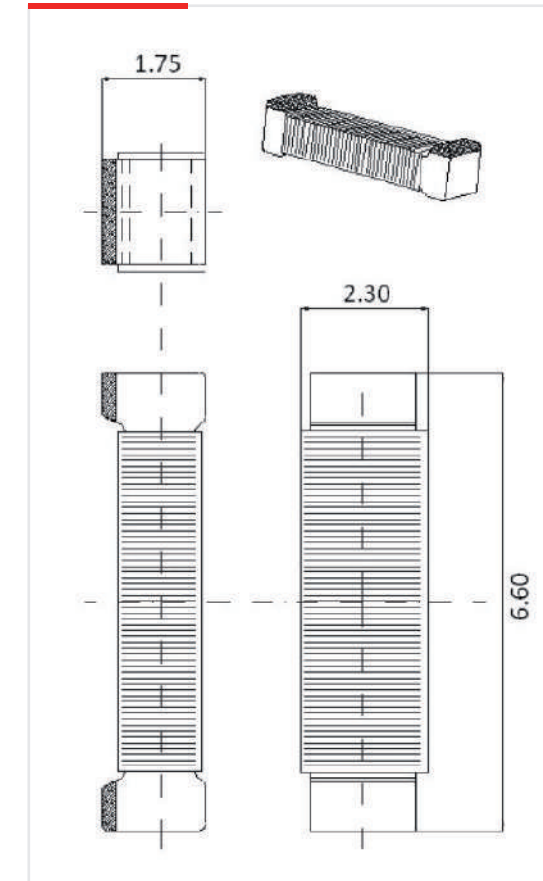
- › Small size
- › High sensitivity
- › SMD mounting

### 02 APPLICATIONS

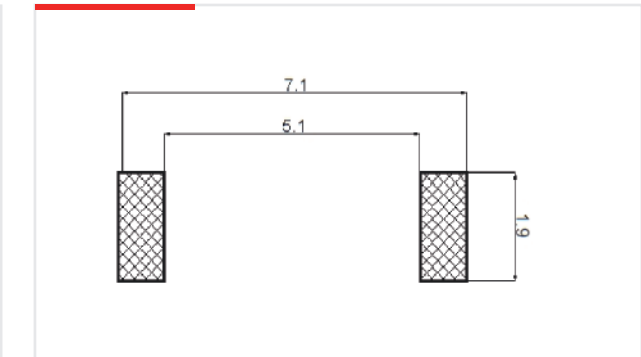
- › Hearing aid devices

### 03 SPECIFICATIONS

#### DIMENSIONS (mm)



#### RECOMMENDED PAD-LAYOUT



#### ELECTRICAL SPECIFICATIONS | TP0602-TC-04000J

L (mH) @ 1kHz	40
Tolerance	±5%
Rdc (K $\Omega$ )	1,1
SRF (kHz)	> 220
Sensitivity (mVpp/App/m) @1kHz	0,80

This chart is a reference guide for the most common required values at working frequency of 1 kHz. Please contact our sales department for any inquiry. Contact us for measurement specification.  
Operating and test frequency: 1kHz  
SRF: Self-resonance frequency of the coil