

TP0602-TC

Micro SMD Hard Ferrite Telecoil

6.6 x 2.3 x 1.75 mm (40mH - 170mH)

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 μ 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.

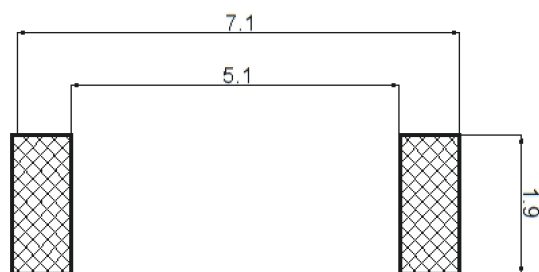
Main Characteristics

- Small size
- High sensitivity
- SMD mounting

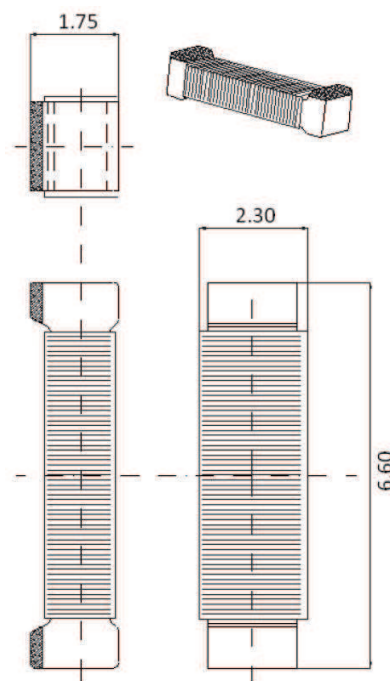
Typical application

- Hearing aid devices

Dimensions and recommended pad layout



All dimensions in mm



All dimensions in mm

Tolerances unless otherwise specified: ± 0.20 mm

Electrical specifications

P/N	L(mH) @ 1kHz	Tolerance	Rdc (K Ω)	SRF (kHz)	Sensitivity (mVpp/App/m) @1kHz
TP0602-TC-04000J	40	$\pm 5\%$	1,1	> 220	0,80
TP0602-TC-10000J	100	$\pm 5\%$	3,1	> 100	0,90
TP0602-TC-17000J	170	$\pm 5\%$	4,0	> 80	1,10

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