

# Data Sheet



## Passive telecoil T 31 AB 01

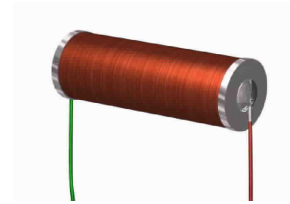
9012 - 1048132  
MT3231.D (01/07)

### Description

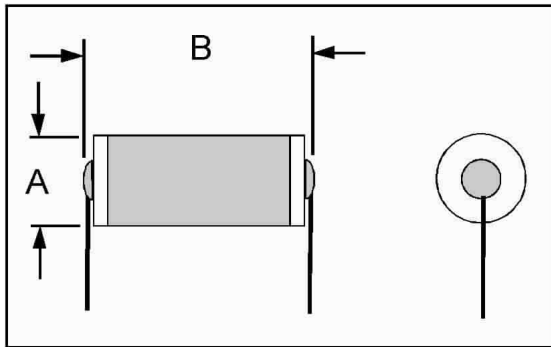
Inductive pick-up coil for use in hearing instruments.

### Features

- Highly durable coating
- Small size
- High sensitivity



### Dimensions



### Mechanical data

Dimensions	in mm	in inch
Dimension A max.	1.78	0.07
Dimension B max.	5.4	0.213

### Electrical data

Measuring conditions: Temperature = 23°C (73.4F)

Parameters	Min	Typ	Max	Unit	Comments
DC resistance	146	162	178	Ohm	
Inductance @ 1 kHz	12	14	16	mH	
O.C. 1 kHz Sensitivity	-74	-72.5	-71	dBV/A/m	
10 kOhm load 1 kHz Sensitivity	-74.1	-72.6	-71.1	dBV/A/m	
Resonance frequency	500			kHz	
Winding sense	North positive				

### Lead wires

Start lead description: Green, 51 mm, #34 AWG (Ø 0.160 mm), solid Cu with PU coating, 0.7 mm silverplated

Finish lead description: Red, 51 mm, #34 AWG (Ø 0.160 mm), solid Cu with PU coating, 0.7 mm silverplated

Lead wire length measured from edge flange.

Sonion reserves the right to make changes at any time to improve reliability, function or design, in order to provide the best product possible.