

# Data Sheet

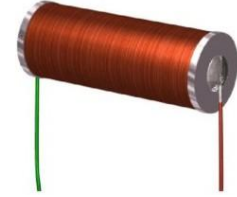


## Passive telecoil T 46 AA 31

9012 - 3024426  
Version: 1 28-OCT-2010

### Description

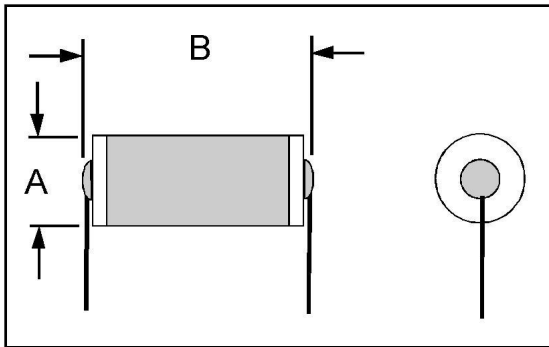
Inductive pick-up coil for use in hearing instruments.



### Features

- Highly durable coating
- Small size
- High sensitivity

### Dimensions



### Mechanical data

Dimensions	in mm	in inch
Dimension A max.	2.5	0.098
Dimension B max.	5.56	0.218

### Electrical data

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

Parameters	Mn	Typ	Max	Unit	Comments
DC resistance	4950	5500	6050	Ohm	
Inductance @ 1 kHz	633	745	857	mH	
O. C. 1 kHz Sensitivity	-55.5	-54	-52.5	dBV/A/m	
10 kOhm load 1 kHz Sensitivity	-56.4	-54.9	-53.4	dBV/A/m	
Resonance frequency	80			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.