

# Data Sheet



## Passive telecoil T 33 AB 14

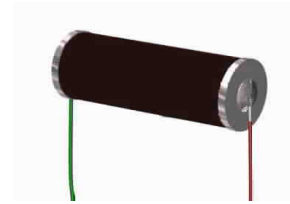
9015 - 3005113  
MT3272.E (01/07)

### Description

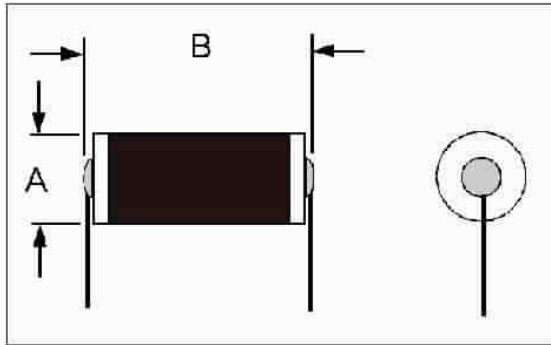
Inductive pick-up coil for use in hearing instruments.

### Features

- Durable coating for environmental protection
- High strength black coating under standard coating for extra protection against mechanical stress
- Small size
- High sensitivity



### Dimensions



### Mechanical data

Dimensions	in mm	in inch
Dimension A max.	1.95	0.077
Dimension B max.	6	0.236

### Electrical data

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

Parameters	Min	Typ	Max	Unit	Comments
DC resistance	1827	2030	2233	Ohm	
Inductance @ 1 kHz	234	275	316	mH	
O. C. 1 kHz Sensitivity	-59.9	-58.4	-56.9	dBV/A/m	
10 kOhm load 1 kHz Sensitivity	-61.6	-60.1	-58.6	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.