

# Data Sheet



## Passive telecoil T 20 AF 03

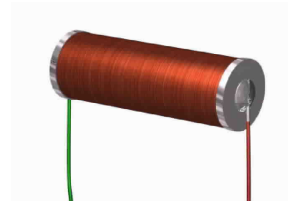
9012 - 1047608  
MT3230.D (01/07)

### Description

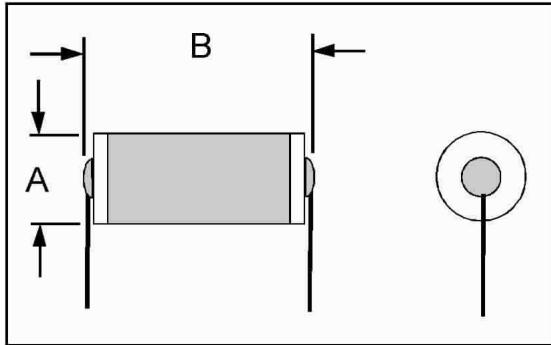
Inductive pick-up coil for use in hearing instruments.

### Features

- Highly durable coating
- Small size
- High sensitivity



### Dimensions



### Mechanical data

Dimensions	in mm	in inch
Dimension A max.	2.1	0.083
Dimension B max.	7	0.276

### Electrical data

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

Parameters	Min	Typ	Max	Unit	Comments
DC resistance	788	875	962	Ohm	
Inductance @ 1 kHz	102	120	138	mH	
O. C. 1 kHz Sensitivity	-60.9	-59.4	-57.9	dBV/A/m	
10 kOhm load 1 kHz Sensitivity	-61.7	-60.2	-58.7	dBV/A/m	
Resonance frequency	150			kHz	
Winding sense	North positive				

### Lead wires

Start lead description: Green, 39 mm, #36 AWG (Ø 0.125 mm), solid Cu with PU coating, 4 mm tinned

Finish lead description: Red, 39 mm, #36 AWG (Ø 0.125 mm), solid Cu with PU coating, 4 mm tinned

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.