

Description

Inductive pick-up coil for use in hearing instruments.

Features

- Solid gold colored coating for excellent environmental protection and extra protection against mechanical stress
- Small size
- High sensitivity



Electrical data

Measuring conditions: Temperature 23°C (73.4F) ± 5°C (64.4F-82.4F)

Parameters	Min	Typ	Max	Unit	Comments
DC resistance	3015	3350	3685	Ohm	
Inductance @ 1 kHz	442	520	598	mH	
O.C. 1 kHz sensitivity	-55.4	-53.9	-52.4	dBV/A/m	
10 kOhm load 1 kHz sensitivity	-58.2	-56.7	-55.2	dBV/A/m	
Resonance frequency	60			kHz	
Winding sense	North positive				

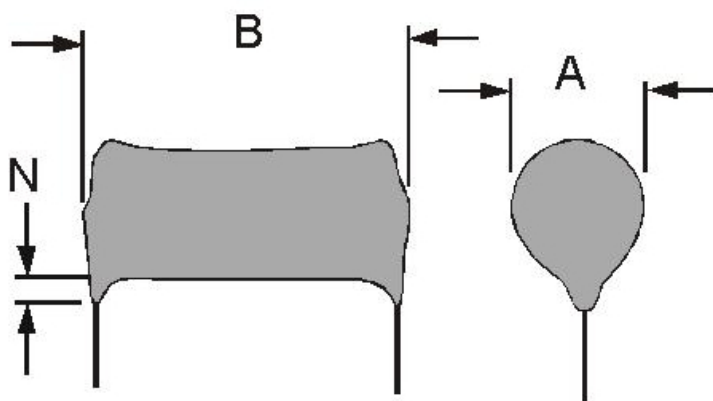
Lead wires

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

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

Lead wire length measured from edge flange

Product drawing - Dimensions in mm [inch]



Mechanical data

Dimensions	in mm	in inch
Dimension A max.	2.45	0.096
Dimension B max.	6.35	0.250
Dimension N max.	2	0.079

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