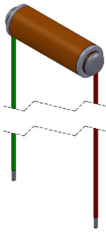


Description

Inductive pick-up coil for use in hearing instruments.

Features

- Highly durable coating
- Small size
- High sensitivity



Electrical data

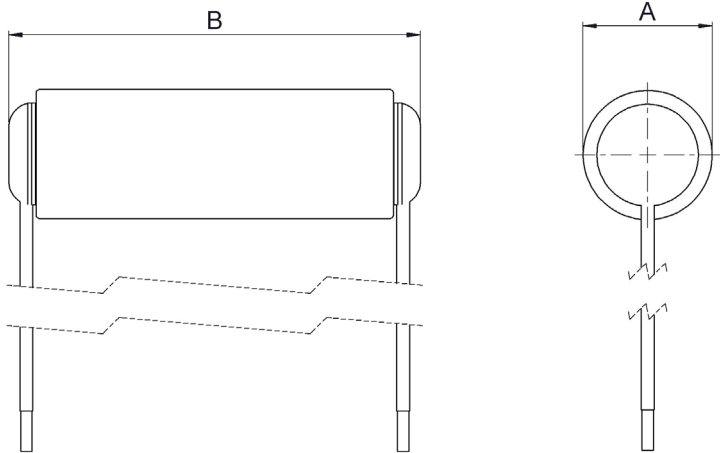
Measuring conditions: Temperature 23°C (73.4F) ± 5°C (64.4F-82.4F)

| Parameters                     | Min            | Typ   | Max   | Unit    | Comments |
|--------------------------------|----------------|-------|-------|---------|----------|
| DC resistance                  | 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, 18mm, #36 AWG (Ø 0.127mm), solid Cu with PU coating, 0.7mm Ag plated  
Finish lead description: Red, 18mm, #36 AWG (Ø 0.127mm), 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. | 2.1   | 0.083   |
| Dimension B max. | 7     | 0.276   |

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