

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

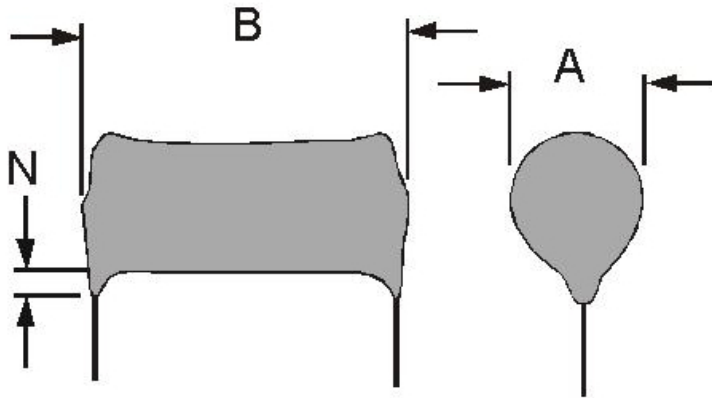
Measuring conditions: Temperature 23°C (73.4F) ± 5°C (64.4F-82.4F)

| Parameters | Min | Typ | Max | Unit | Comments |
|--------------------------------|----------------|-------|-------|---------|----------|
| DC resistance | 2025 | 2250 | 2475 | Ohm | |
| Inductance @ 1 kHz | 200 | 235 | 270 | mH | |
| O.C. 1 kHz sensitivity | -61.9 | -60.4 | -58.9 | dBV/A/m | |
| 10 kOhm load 1 kHz sensitivity | -63.7 | -62.2 | -60.7 | 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. | 2.4 | 0.094 |
| Dimension B max. | 5 | 0.197 |
| 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.