

Data Sheet



Passive telecoil T 20 AG 12

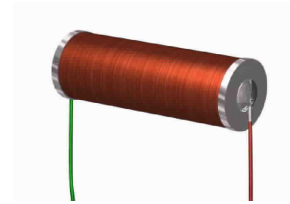
9012 - 1050184
MT3243.D (01/07)

Description

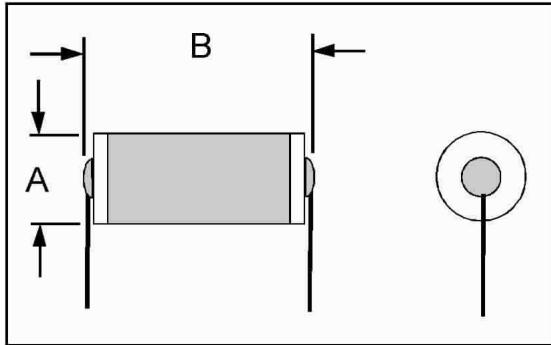
Inductive pick-up coil for use in hearing instruments.

Features

- Highly durable coating
- Small size
- High sensitivity



Dimensions



Mechanical data

| Dimensions | in mm | in inch |
|------------------|-------|---------|
| Dimension A max. | 2 | 0.079 |
| Dimension B max. | 10.2 | 0.402 |

Electrical data

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

| Parameters | Min | Typ | Max | Unit | Comments |
|--------------------------------|----------------|-------|-------|---------|----------|
| DC resistance | 1373 | 1525 | 1677 | Ohm | |
| Inductance @ 1 kHz | 298 | 350 | 402 | mH | |
| O.C. 1 kHz Sensitivity | -52.7 | -51.2 | -49.7 | dBV/A/m | |
| 10 kOhm load 1 kHz Sensitivity | -54.1 | -52.6 | -51.1 | dBV/A/m | |
| Resonance frequency | 85 | | | 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.