

# Telecoil-antennas Inductor

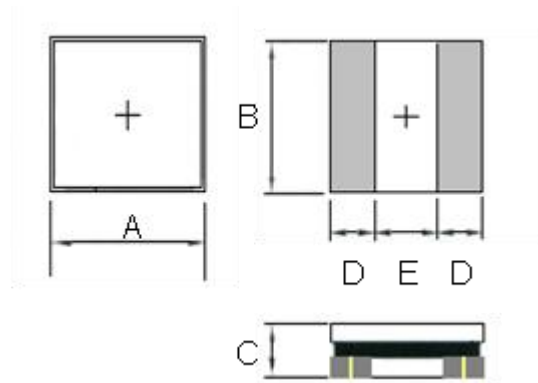
**PAS201615F-102M**

## 1. Features

1. Hearing Aid Compatibility-/Telecoil-antennas;
2. PAS201615F-series realizes small size and low profile. 2.0x1.6x1.5 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Meets the T3/T4 FCC requirements(HAC-Act) acc. ANSI C63.19
5. Operating temperature: -40~+125°C (Including self - temperature rise)

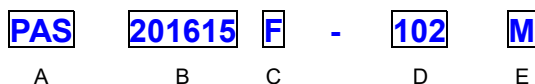


## 2. Dimension



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
PAS201615	2.0±0.2	1.6±0.2	1.50Max.	0.60 ref.	0.80 ref.

## 3. Part Numbering



- A: Series
- B: Dimension
- C: Lead Free                      Material
- D: Inductance                      102=1000uH
- E: Inductance Tolerance                      M=±20%

## 4. Specification

Part Number	Inductance (uH) ±20%	Test Frequency(Hz)	RDC(Ω) Max.	Rated current (mA)Max.
PAS201615F-102M	1000	0.1V/10K	38	20

Note:  
 Heat Rated Current (I<sub>rms</sub>) will cause the coil temperature rise approximately Δt of 40°C.  
 Saturation Current (I<sub>sat</sub>) will cause L<sub>0</sub> to drop approximately 30%.