

# Telecoil-antennas Inductors

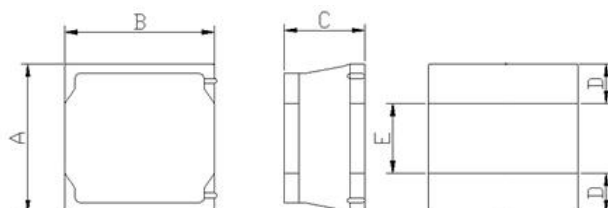
PAS3015EV-102J

## 1. Features

1. Hearing Aid Compatibility-/Telecoil-antennas;
2. PAS3010F-series realizes small size and low profile. 3.0x3.0x1.5 mm
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Meets the T3/T4 FCC requirements(HAC) ANSI C63.19
5. High reliability -Reliability tests comply with AEC-Q200
6. Operating temperature: -55~+125°C(Including self - temperature rise)

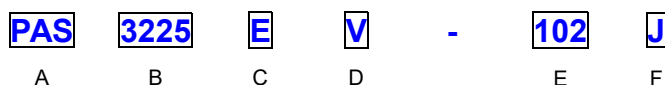


## 2. Dimension



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
PAS3015	3.0±0.2	3.0±0.2	1.5±0.1	1.0±0.2	1.0±0.2

## 3. Part Numbering



- A: Series
- B: Dimension L x W
- C: Lead Free Material
- D: Category Code V=Vehicle
- E: Inductance 102=1080uH
- F: Inductance Tolerance J =±5%

## 4. Specification

Part Number	Inductance (uH)	Test Frequency (Hz)	Q typ	SRF MHz(typ)	RDC(Ω) Max.	Rated current (mA)Max.
PAS3015EV-102J	1080±5%	1V/125K	10	1.5	35.0	50

Note:

- Heat Rated Current (Irms) will cause the coil temperature rise approximately Δt of 40°C.
- Saturation Current (Isat) will cause L0 to drop approximately 30%.

### 9. Typical Performance Curves

