

Telecoil-antennas Inductors

PAS4420F-SERIES

1. Features

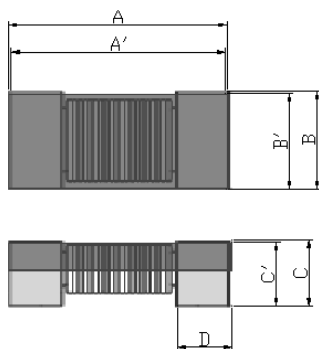
1. Hearing Aid Compatibility-/Telecoil-antennas;
2. PAS4420F-series realizes small size and low profile. 4.4x2.0x2.0 mm.
3. 100% Lead (Pb) & Halogen-Free and RoHS compliant.
4. Meets the T3 FCC requirements (HAC-Act) acc. ANSI C63.19
5. Operating temperature -40~+125°C (Including self - temperature rise)



2. Applications

1. T-coil/HAC-coil for hearing and aid compatible cell phones.
2. Decoupling in RF and IF-circuit.
3. Transponder antenna.

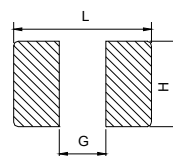
3. Dimensions



Size	A(mm)	A'(mm)	B(mm)	B'(mm)	C(mm)	C'(mm)	D(mm)
PAS4420F	4.75±0.20	4.40±0.20	2.25±0.20	2.00±0.20	1.80±0.30	1.80±0.20	0.80 ref.

Units : mm

Recommend PC Board Pattern



L(mm)	G(mm)	H(mm)
4.8	3.2	2.3

4. Part Numbering

PAS	4420	F	-	252	M	-	F10
A	B	C		D	E		F

A: Series

B: Dimension

C: Lead Free Code

D: Inductance

E: Inductance Tolerance

F: Test Frequency

L x H

252=2500 uH

K=±10%, M=±20%

10 KHZ

5. Specification

Part Number	Inductance (uH)	Tolerance	f _{L0} (kHz)	SRF MHz(min)	RDC (Ω)Max.	Rated current (mA) max.
PAS4420F-301□-F10	300	K,M	10	2.0	14	70
PAS4420F-401□-F10	400	K,M	10	1.5	17	50
PAS4420F-252□-F10	2500	K,M	10	1.0	82	40
PAS4420F-352□-F10	3500	K,M	10	1.0	85	20