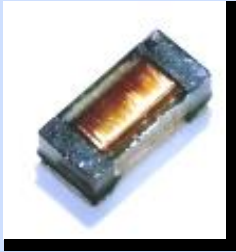


IPAS Series

Telecoil-antennas Inductors – IPAS4420F

TRIGON
COMPONENTS



FEATURES

- Hearing Aid Compatibility-/Telecoil-antennas.
- IPAS4420F-series realizes small size and low profile. 4.4x2.0x2.0mm
- 100% Lead (Pb) & Halogen-Free and RoHS Compliant
- Meets the T3 FCC requirements(HAC-Act) acc. ANSI C63.19

APPLICATIONS

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

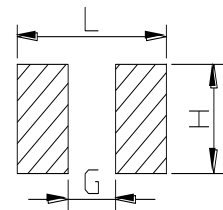
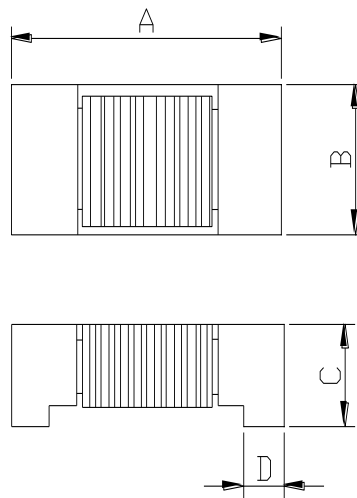
ORDERING CODE

IPAS 4420 F 252 K T
(1) (2) (3) (4) (5) (6)

- (1) Telecoil-antennas Inductors
- (2) Dimension
- (3) Material
F= Lead Free
- (4) Inductance
e.g. R47: 0.47uH
1R0: 1uH
220: 22uH
252: 2500uH
- (5) Inductance Tolerance
K: ±10% M: ±20%
- (6) Package
T: Tape & Reel

※Please refer to complete Ordering Code document (IPAS-Ord) for more ordering options.

Configurations:



Dimension (mm)

Item	A	B	C	D	L	G	H
IPAS4420F	4.4±0.4	2.0±0.4	1.8±0.3	0.8 ref.	4.8	3.2	2.3

Inductor

IPAS Series

Telecoil-antennas Inductors – IPAS4420F

Electrical Characteristics for IPAS4420F Series

Part Number	Inductance (uH)	fL0 (kHz)	SRF (MHz)	DCR (Ω)	Rated Current (mA)
IPAS4420F252MT	2500 ± 20%	10	1 Min	82 ± 10%	40 Max
IPAS4420F352KT	3500 ± 10%	10	1 Min	85 ± 10%	20 Max

Notes:

- ※Test frequency: Inductor(L): 10KHZ/0.1V
- ※Rated Current (Irms) will cause the coil temperature rise approximately Δt of 20°C
- ※All test data referenced to 25°C ambient