



Transponder Inductor

GAS1225F-SERIES

1.Features

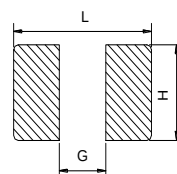
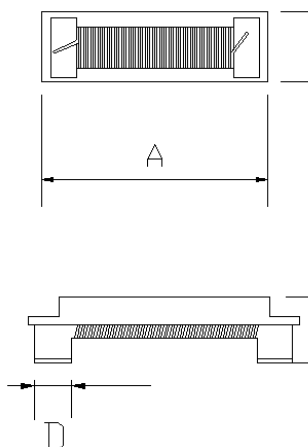
1. Hearing Aid Compatibility-Telecoil-antennas;
2. GAS1225F-series realizes small size and low profile. 11.6x3.8x2.5mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Meets the T3/T4 FCC requirements(HAC) . ANSI C63.19
5. Operating temperature -40~+125℃ (Including self - temperature rise)



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



L(mm)	G(mm)	H(mm)
11.6	8	3.6

4. Part Numbering

GAS	1225	F	-	101	K
A	B	C		D	E

A: Series
 B: Dimension L x H
 C: Lead Free Code
 D: Inductance 101=100uH
 E: Inductance Tolerance M=±20% K=±10% J=±5%

Part Number	Inductance (uH)	Test Frequency (Hz)	Q min.	RDC (Ω)max.	Rated current (mA) max.	SRF (MHz) min.
GAS1225F-101K	100±10%	0.1V/125K	20	3.0	300	20
GAS1225F-232M	2300±20%	0.1V/125K	40	40	50	0.48
GAS1225F-492J	4900±5%	0.1V/125K	20	50	50	0.34
GAS1225F-722J	7200±5%	0.1V/125K	40	40	50	0.30