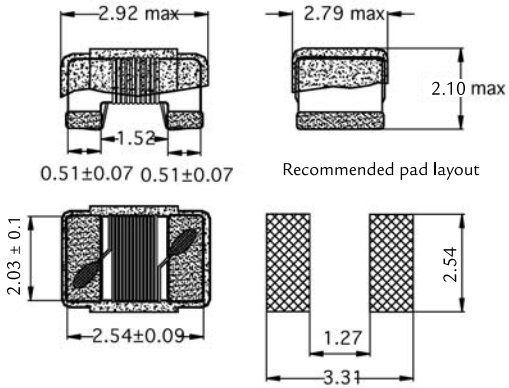
FS1008

Ferrite Chip Inductor 1008 High L (1.2µH-10.00µH)

Features

Leadless inductor wound on ferrite body.
High SRF, allow excellent operation in RFID 13.56 MHz, filters in GSM frequencies, DECT, cordless communications, wireless LANs, etc.
Operating temperature:
-40 °C → +85 °C.
Storage temperature:
-40 °C → +125 °C.
Low DCR and higher current ratings.
Resistance to solder heat 260 °C 10 s.

Dimensions



Materials

1008 FS type in ferrite body.
Metallization: Ag+Ni+Sn100.

Product List

Ordering code [2]	L_R (µH)	Tolerance [1]	Quality Factor Min.	Test Freq. (MHz) L	Q	SRF Min. (MHz)	RDC (Ω) max.	IDC max. (mA)
FS1008-122+	1.2 @ 7.96 MHz	M,K,J	48	7.9	50	210	0.68	650
FS1008-152+	1.5 @ 7.96 MHz	M,K,J	41	7.9	50	190	0.76	630
FS1008-182+	1.8 @ 7.96 MHz	M,K,J	39	7.9	50	170	0.84	600
FS1008-222+	2.2 @ 7.96 MHz	M,K,J	34	7.9	50	150	1.3	315
FS1008-272+	2.7@ 7.96 MHz	M,K,J	34	7.9	50	125	1.4	300
FS1008-332+	3.3@ 7.96 MHz	M,K,J	32	7.9	50	120	1.46	450
FS1008-392+	3.9 @ 7.96 MHz	M,K,J	32	7.9	7.9	105	1.56	420
FS1008-472+	4.7 @ 7.96 MHz	M,K,J	31	7.9	7.9	90	1.68	400
FS1008-562+	5.6 @ 7.96 MHz	M,K,J	15	7.9	7.9	50	1.90	190
FS1008-682+	6.8 @ 7.96 MHz	M,K,J	15	7.9	7.9	30	1.70	175
FS1008-822+	8.2 @ 7.96 MHz	M,K,J	15	7.9	7.9	30	2.20	160
FS1008-103+	10 @ 2.52 MHz	M,K,J	12	7.9	7.9	30	2.50	155

1. Closer tolerances upon request.
2. Replace the + by the code letter for the required inductance tolerance (G=2%, J=5%, K=10%, M=20%).