

C1608CB



■ Features

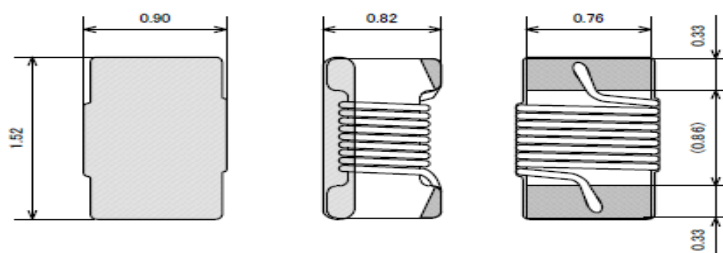
- Small chip inductor for low inductance
- As self resonance frequency is high, can be used in the high frequency range
- Because winding is done directly onto the core, high Q is available.

Weight : 0.0031 g

■ Applications

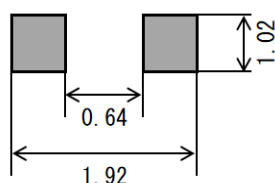
- Audio Visual/Portable Audio,TV and Monitor,Mini System, AV Amplifier, for Professionals
- Automotive/Car Audio,Car Tuner,Antenna
- Computer & Peripheral Device/Smartphone & Tablet,Wireless Router
- Home Electronics/Games
- Others/Energy,Transceivers,FA

■ Dimensions



(Unit : mm)

■ Recommended Land Pattern



(Unit : mm)



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■ Specifications

SAGAMI Part No.	Inductance (μ H)	Q min.	Test Frequency (MHz)	Self-Resonant Frequency (SRF) (MHz)	DCR max. (Ω)	Temperature Rise Allowable Current (mA)
C1608CB-1N5K	1.5 $\pm$ 10%	16	250	6000	0.0450	700
C1608CB-3N6J	3.6 $\pm$ 5%	22	250	5900	0.0660	700
C1608CB-3N6K	3.6 $\pm$ 10%	22	250	5900	0.0660	700
C1608CB-3N9J	3.9 $\pm$ 5%	22	250	6000	0.0800	700
C1608CB-3N9K	3.9 $\pm$ 10%	22	250	6000	0.0800	700
C1608CB-4N3J	4.3 $\pm$ 5%	22	250	5900	0.0700	700
C1608CB-4N3K	4.3 $\pm$ 10%	22	250	5900	0.0700	700
C1608CB-6N8J	6.8 $\pm$ 5%	27	250	5800	0.110	700
C1608CB-6N8K	6.8 $\pm$ 10%	27	250	5800	0.110	700
C1608CB-7N5J	7.5 $\pm$ 5%	28	250	4800	0.110	700
C1608CB-7N5K	7.5 $\pm$ 10%	28	250	4800	0.110	700
C1608CB-8N2J	8.2 $\pm$ 5%	28	250	4600	0.110	700
C1608CB-8N2K	8.2 $\pm$ 10%	28	250	4600	0.110	700
C1608CB-8N7J	8.7 $\pm$ 5%	28	250	4600	0.110	700
C1608CB-8N7K	8.7 $\pm$ 10%	28	250	4600	0.110	700
C1608CB-10NG	10 $\pm$ 2%	31	250	4800	0.140	700
C1608CB-10NJ	10 $\pm$ 5%	31	250	4800	0.140	700
C1608CB-11NG	11 $\pm$ 2%	33	250	4000	0.140	700
C1608CB-11NJ	11 $\pm$ 5%	33	250	4000	0.140	700
C1608CB-12NG	12 $\pm$ 2%	35	250	4000	0.140	700
C1608CB-12NJ	12 $\pm$ 5%	35	250	4000	0.140	700
C1608CB-15NG	15 $\pm$ 2%	35	250	4000	0.170	700
C1608CB-15NJ	15 $\pm$ 5%	35	250	4000	0.170	700
C1608CB-16NG	16 $\pm$ 2%	34	250	3300	0.180	700
C1608CB-16NJ	16 $\pm$ 5%	34	250	3300	0.180	700
C1608CB-18NG	18 $\pm$ 2%	35	250	3100	0.180	700
C1608CB-18NJ	18 $\pm$ 5%	35	250	3100	0.180	700
C1608CB-22NG	22 $\pm$ 2%	38	250	3000	0.210	700
C1608CB-22NJ	22 $\pm$ 5%	38	250	3000	0.210	700
C1608CB-24NG	24 $\pm$ 2%	37	250	2650	0.210	700
C1608CB-24NJ	24 $\pm$ 5%	37	250	2650	0.210	700
C1608CB-27NG	27 $\pm$ 2%	40	250	2800	0.240	600
C1608CB-27NJ	27 $\pm$ 5%	40	250	2800	0.240	600
C1608CB-30NG	30 $\pm$ 2%	37	250	2250	0.240	600
C1608CB-30NJ	30 $\pm$ 5%	37	250	2250	0.240	600
C1608CB-33NG	33 $\pm$ 2%	40	250	2300	0.240	600
C1608CB-33NJ	33 $\pm$ 5%	40	250	2300	0.240	600
C1608CB-36NG	36 $\pm$ 2%	38	250	2080	0.270	600
C1608CB-36NJ	36 $\pm$ 5%	38	250	2080	0.270	600
C1608CB-39NG	39 $\pm$ 2%	40	250	2200	0.260	600

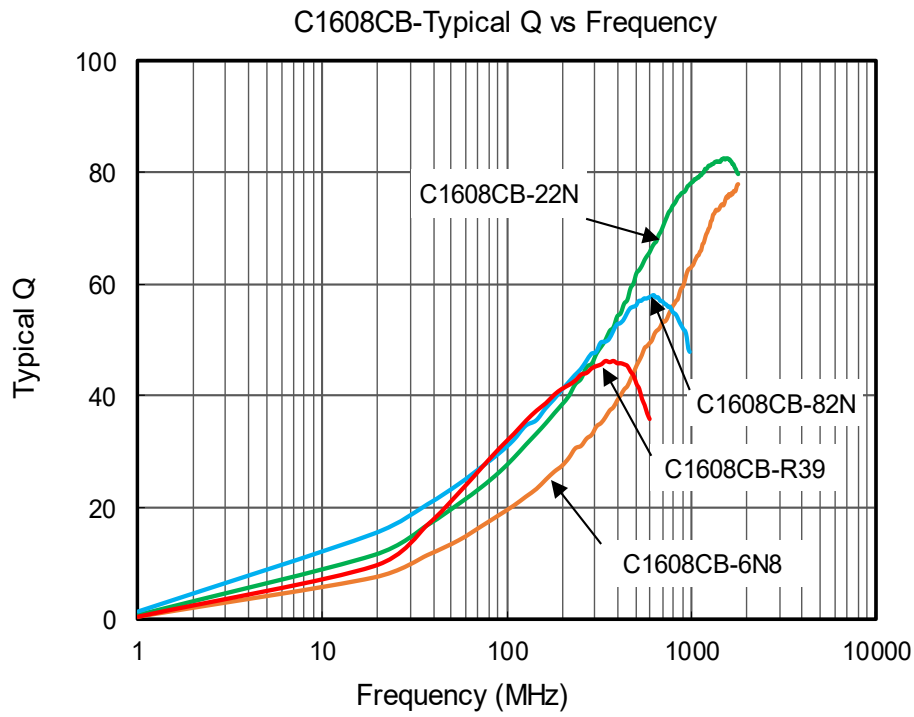
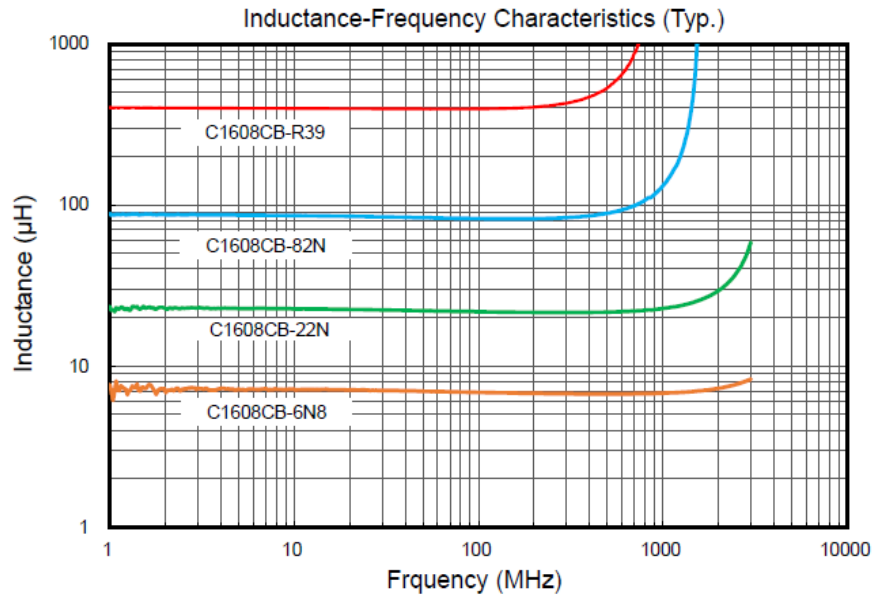


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■ Frequency characteristic graph



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