

Multi-Layer Chip Inductors

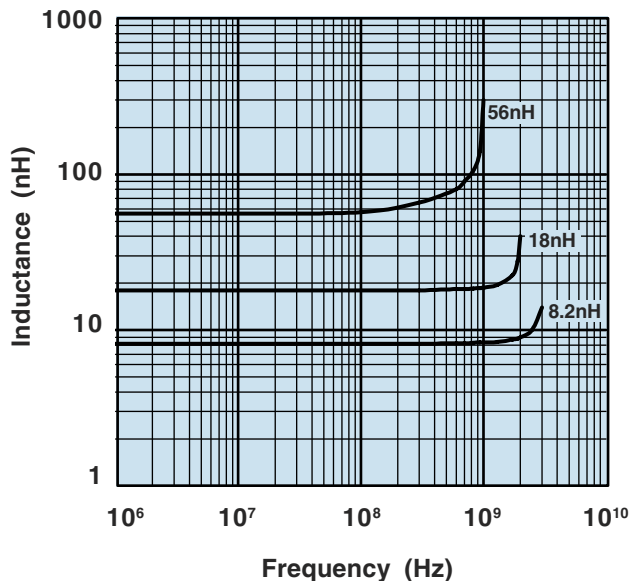
Ceramic Body - High Frequency Use

Package Size - 0402

Core Material	Part Number	Inductance	Tolerance	Q Min	Test Frequency L, Q (MHz)	Self Resonant Frequency (Min MHz)	DCR (Ohm) Max	Rated Current (mA Max)	Thickness (mm)
Ceramic	2204021N0S7C	1.0 nH	+/- 0.3 nH	8	100	4000	0.12	300	0.5 +/- 0.05
Ceramic	2204021N2S7C	1.2 nH	+/- 0.3 nH	8	100	4000	0.12	300	0.5 +/- 0.05
Ceramic	2204021N5S7C	1.5 nH	+/- 0.3 nH	8	100	4000	0.13	300	0.5 +/- 0.05
Ceramic	2204021N8S7C	1.8 nH	+/- 0.3 nH	8	100	4000	0.14	300	0.5 +/- 0.05
Ceramic	2204022N2S7C	2.2 nH	+/- 0.3 nH	8	100	4000	0.16	300	0.5 +/- 0.05
Ceramic	2204022N7S7C	2.7 nH	+/- 0.3 nH	8	100	4000	0.17	300	0.5 +/- 0.05
Ceramic	2204023N3S7C	3.3 nH	+/- 0.3 nH	8	100	4000	0.19	300	0.5 +/- 0.05
Ceramic	2204023N9S7C	3.9 nH	+/- 0.3 nH	8	100	4000	0.22	300	0.5 +/- 0.05
Ceramic	2204024N7S7C	4.7 nH	+/- 0.3 nH	8	100	4000	0.24	300	0.5 +/- 0.05
Ceramic	2204025N6S7C	5.6 nH	+/- 0.3 nH	8	100	4000	0.27	300	0.5 +/- 0.05
Ceramic	2204026N8J7C	6.8 nH	+/- 5%	8	100	3900	0.32	300	0.5 +/- 0.05
Ceramic	<b>2204028N2J7C</b>	8.2 nH	+/- 5%	8	100	3600	0.37	250	0.5 +/- 0.05
Ceramic	22040210NJ7C	10 nH	+/- 5%	8	100	3200	0.42	250	0.5 +/- 0.05
Ceramic	22040212NJ7C	12 nH	+/- 5%	8	100	2700	0.50	250	0.5 +/- 0.05
Ceramic	22040215NJ7C	15 nH	+/- 5%	8	100	2300	0.55	250	0.5 +/- 0.05
Ceramic	<b>22040218NJ7C</b>	18 nH	+/- 5%	8	100	2100	0.65	200	0.5 +/- 0.05
Ceramic	22040222NJ7C	22 nH	+/- 5%	8	100	1900	0.80	200	0.5 +/- 0.05
Ceramic	22040227NJ7C	27 nH	+/- 5%	8	100	1600	0.90	200	0.5 +/- 0.05
Ceramic	22040233NJ7C	33 nH	+/- 5%	8	100	1300	1.00	200	0.5 +/- 0.05
Ceramic	22040239NJ7C	39 nH	+/- 5%	8	100	1200	1.20	150	0.5 +/- 0.05
Ceramic	22040247NJ7C	47 nH	+/- 5%	8	100	1000	1.30	150	0.5 +/- 0.05
Ceramic	<b>22040256NJ7C</b>	56 nH	+/- 5%	8	100	750	1.40	150	0.5 +/- 0.05
Ceramic	22040268NJ7C	68 nH	+/- 5%	8	100	750	1.40	150	0.5 +/- 0.05
Ceramic	22040282NJ7C	82 nH	+/- 5%	8	100	600	1.60	100	0.5 +/- 0.05
Ceramic	220402R10J7C	100 nH	+/- 5%	8	100	600	1.60	100	0.5 +/- 0.05
Ceramic	220402R12J7C	120 nH	+/- 5%	8	100	600	1.60	100	0.5 +/- 0.05

Bold part number indicates that part is included in the sample kit.

Inductance vs. Frequency



Q vs. Frequency

