

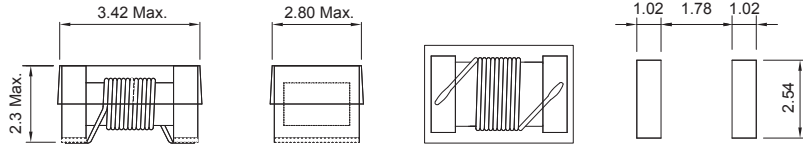
1210C Series

■ SMD Wire Wound Ceramic Chip Inductors

MECHANICAL DIMENSIONS



1210C



Recommended Patterns

unit: mm

ELECTRICAL SPECIFICATION

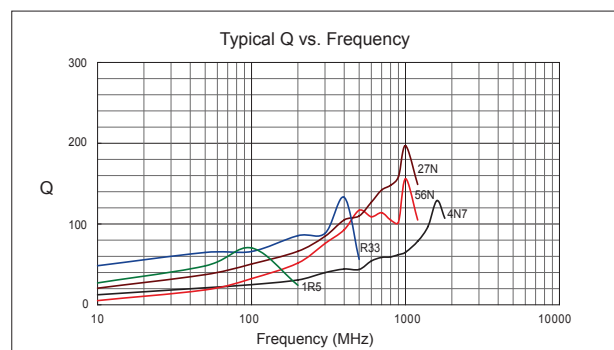
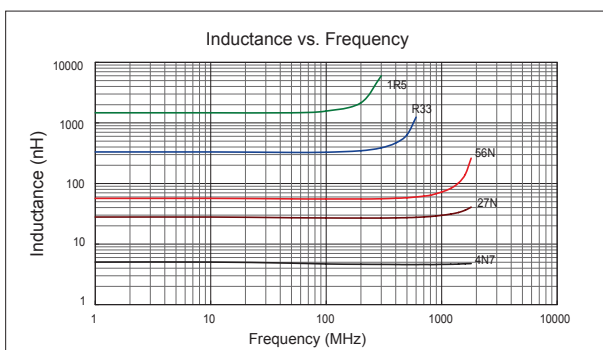
Part Number	Inductance (nH)	Test Freq. (MHz)	Inductance Tolerance	Q Min.	Test Freq. (MHz)	SRF (MHz) Min.	DCR (Ω) Max.	I _{rms} (mA)	Color Code		
									1st	2nd	multiplier
1210C-4N7□-LRH	4.7	100	K, J	50	1000	6000	0.06	600	YELLOW	VIOLET	BLACK
1210C-5N6□-LRH	5.6	100	K, J	50	1000	5500	0.08	600	GREEN	BLUE	BLACK
1210C-10N□-LRH	10	100	K, J, G	60	500	4000	0.06	600	BROWN	BLACK	BROWN
1210C-12N□-LRH	12	100	K, J, G	60	500	3400	0.06	600	BROWN	RED	BROWN
1210C-15N□-LRH	15	100	K, J, G	60	500	3200	0.06	600	BROWN	GREEN	BROWN
1210C-18N□-LRH	18	100	K, J, G	60	300	2800	0.06	600	BROWN	GRAY	BROWN
1210C-22N□-LRH	22	100	K, J, G	60	300	2300	0.08	600	RED	RED	BROWN
1210C-27N□-LRH	27	100	K, J, G	60	300	2000	0.08	600	RED	VIOLET	BROWN
1210C-33N□-LRH	33	100	K, J, G	60	300	1800	0.08	600	ORANGE	ORANGE	BROWN
1210C-39N□-LRH	39	100	K, J, G	60	300	1800	0.08	600	ORANGE	WHITE	BROWN
1210C-47N□-LRH	47	100	K, J, G	60	300	1600	0.08	600	YELLOW	VIOLET	BROWN
1210C-56N□-LRH	56	100	K, J, G	60	300	1500	0.10	600	GREEN	BLUE	BROWN
1210C-68N□-LRH	68	100	K, J, G	60	300	1300	0.10	600	BLUE	GRAY	BROWN
1210C-82N□-LRH	82	100	K, J, G	60	300	1200	0.10	600	GRAY	RED	BROWN
1210C-91N□-LRH	91	100	K, J, G	60	300	1100	0.10	1000	WHITE	BROWN	BROWN
1210C-R10□-LRH	100	100	K, J, G	60	300	1100	0.10	500	BROWN	BLACK	RED
1210C-R12□-LRH	120	50	K, J, G	60	300	900	0.12	500	BROWN	RED	RED
1210C-R15□-LRH	150	50	K, J, G	60	300	800	0.18	500	BROWN	GREEN	RED
1210C-R18□-LRH	180	50	K, J, G	60	300	760	0.21	500	BROWN	GRAY	RED
1210C-R22□-LRH	220	50	K, J, G	60	300	760	0.27	500	RED	RED	RED
1210C-R27□-LRH	270	50	K, J, G	50	300	660	0.33	500	RED	VIOLET	RED
1210C-R33□-LRH	330	50	K, J, G	50	100	650	0.37	500	ORANGE	ORANGE	RED
1210C-R36□-LRH	360	50	K, J, G	50	100	500	0.63	600	ORANGE	BLUE	RED
1210C-R39□-LRH	390	50	K, J, G	50	100	600	0.63	500	ORANGE	WHITE	RED
1210C-R47□-LRH	470	50	K, J, G	50	100	550	0.69	400	YELLOW	VIOLET	RED
1210C-R56□-LRH	560	50	K, J, G	50	100	470	0.90	400	GREEN	BLUE	RED
1210C-R68□-LRH	680	25	K, J, G	50	100	450	1.05	400	BLUE	GRAY	RED
1210C-R82□-LRH	820	25	K, J, G	50	100	400	1.45	350	GRAY	RED	RED
1210C-1R0□-LRH	1000	25	K, J, G	45	100	340	2.10	280	BROWN	BLACK	ORANGE
1210C-1R2□-LRH	1200	7.96	K, J, G	45	50	320	2.40	250	BROWN	RED	ORANGE
1210C-1R5□-LRH	1500	7.96	K, J, G	45	50	300	2.70	220	BROWN	GREEN	ORANGE
1210C-1R8□-LRH	1800	7.96	K, J, G	45	50	280	3.50	180	BROWN	GRAY	ORANGE
1210C-2R2□-LRH	2200	7.96	K, J, G	45	50	260	3.80	150	RED	RED	ORANGE
1210C-3R3□-LRH	3300	27	K, J, G	25	27	140	10	150	ORANGE	ORANGE	ORANGE

- Tolerance: M=±20%; K=±10%; J=±5%; G=±2%
- Operating Temp: -40°C to +125°C
- For 15°C Temperature Rise.

- Inductance & Q measured using the HP4291B.
- SRF measured using the HP8753E or HP8720D.
- DCR measured using the 16502 milli-ohm meter.
- Unspecified values available on request.

CHARACTERISTIC CURVE

1210C Series



SMD

Leaded