



Notes for LC1206 wirewound ceramic core inductor:
 Operating Temperature Range from - 40°C to + 125°C.
 Inductance Tolerance: K = ± 10% across entire inductance range, tighter tolerances available by special order.
 Irms for a 15°C rise above 25°C ambient.

L / Q: Agilent / HP4291A + Agilent / HP16197A.
 SRF: Agilent / HP8753D + Agilent / HP4291A.
 DCR: CH502BC, HP4338B.
 Packaging: Tape and Reel only.
 Manufactured to RoHS compliance.

Part Number	Inductance [nH, ± 10%]	Test Frequency [MHz]	Q Min.	Q Test Frequency [MHz]	SRF Min. [MHz]	DC Resistance Max. [δ]	Irms Max. [mA]	Marking Color		
								1 st	2 nd	3 rd
LC1206-3N3K	3.3	100	30	300	6200	0.05	1000	Black	Orange	Black
LC1206-6N8K	6.8	100	30	300	5500	0.07	1000	Black	Blue	Black
LC1206-100K	10	100	40	300	4000	0.08	1000	Brown	Black	Black
LC1206-120K	12	100	40	300	3200	0.08	1000	Brown	Red	Black
LC1206-150K	15	100	40	300	3200	0.10	1000	Brown	Green	Black
LC1206-180K	18	100	50	300	2800	0.10	1000	Brown	Gray	Black
LC1206-220K	22	100	50	300	2200	0.10	1000	Red	Red	Black
LC1206-270K	27	100	50	300	1800	0.11	1000	Red	Violet	Black
LC1206-330K	33	100	55	300	1800	0.11	1000	Orange	Orange	Black
LC1206-390K	39	100	55	300	1800	0.12	1000	Orange	White	Black
LC1206-470K	47	100	55	300	1500	0.13	1000	Yellow	Violet	Black
LC1206-560K	56	100	55	300	1450	0.14	1000	Green	Blue	Black
LC1206-680K	68	100	55	300	1200	0.26	900	Blue	Gray	Black
LC1206-820K	82	100	55	300	1200	0.21	900	Gray	Red	Black
LC1206-101K	100	100	55	300	1100	0.26	850	Brown	Black	Brown
LC1206-121K	120	100	60	300	1100	0.26	800	Brown	Red	Brown
LC1206-151K	150	100	60	300	950	0.31	750	Brown	Green	Brown
LC1206-181K	180	50	60	300	900	0.43	700	Brown	Gray	Brown
LC1206-221K	220	50	60	300	760	0.50	670	Red	Red	Brown
LC1206-271K	270	50	55	300	730	0.56	630	Red	Violet	Brown
LC1206-331K	330	50	45	150	650	0.62	590	Orange	Orange	Brown
LC1206-391K	390	50	45	150	600	0.75	530	Orange	White	Brown
LC1206-471K	470	50	45	150	550	1.30	490	Yellow	Violet	Brown
LC1206-561K	560	35	45	150	470	1.34	460	Green	Blue	Brown
LC1206-621K	620	35	45	150	470	1.58	460	Blue	Red	Brown
LC1206-681K	680	35	45	150	450	1.58	430	Blue	Gray	Brown
LC1206-751K	750	35	45	150	440	2.25	320	Violet	Green	Brown
LC1206-821K	820	35	45	150	420	1.82	400	Gray	Red	Brown
LC1206-911K	910	35	45	150	410	2.95	310	White	Brown	Brown
LC1206-102K	1000	35	45	150	400	2.80	320	Brown	Black	Red
LC1206-122K	1200	35	45	150	380	3.20	300	Brown	Red	Red