



Dimensions in mm.

Notes for LC0805 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 / HP16193A.
 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]	Color
LC0805-2N8K	2.8	250	70	1500	7900	0.06	800	Gray
LC0805-3N0K	3.0	250	65	1500	7900	0.06	800	White
LC0805-3N3K	3.3	250	50	1500	7900	0.08	600	Black
LC0805-5N6K	5.6	250	65	1000	5500	0.08	600	Orange
LC0805-6N8K	6.8	250	50	1000	5500	0.11	600	Brown
LC0805-7N5K	7.5	250	50	1000	4500	0.14	600	Green
LC0805-8N2K	8.2	250	50	1000	4700	0.12	600	Red
LC0805-100K	10	250	60	500	4200	0.10	600	Blue
LC0805-120K	12	250	50	500	4000	0.15	600	Orange
LC0805-150K	15	250	50	500	3400	0.17	600	Yellow
LC0805-180K	18	250	50	500	3300	0.20	600	Green
LC0805-220K	22	250	55	500	2600	0.22	500	Blue
LC0805-240K	24	250	50	500	2000	0.22	500	Gray
LC0805-270K	27	250	55	500	2500	0.25	500	Violet
LC0805-330K	33	250	60	500	2050	0.27	500	Gray
LC0805-360K	36	250	55	500	1700	0.27	500	Orange
LC0805-390K	39	250	60	500	2000	0.29	500	White
LC0805-430K	43	200	60	500	1650	0.34	500	Yellow
LC0805-470K	47	200	60	500	1650	0.31	500	Black
LC0805-560K	56	200	60	500	1550	0.34	500	Brown
LC0805-680K	68	200	60	500	1450	0.38	500	Red
LC0805-820K	82	150	65	500	1300	0.42	400	Orange
LC0805-910K	91	150	65	500	1200	0.48	400	Black
LC0805-101K	100	150	65	500	1200	0.46	400	Yellow
LC0805-111K	110	150	50	250	1000	0.48	400	Brown
LC0805-121K	120	150	50	250	1100	0.51	400	Green
LC0805-151K	150	100	50	250	920	0.56	400	Blue
LC0805-181K	180	100	50	250	870	0.64	400	Violet
LC0805-201K	200	100	50	250	860	0.70	400	Red
LC0805-221K	220	100	50	250	850	0.70	400	Gray
LC0805-241K	240	100	44	250	690	1.00	350	Red
LC0805-251K	250	100	45	250	660	1.00	350	Yellow
LC0805-271K	270	100	48	250	650	1.00	350	White
LC0805-331K	330	100	48	250	600	1.40	310	Black
LC0805-391K	390	100	25	250	400	1.50	290	Brown
LC0805-471K	470	50	33	100	400	1.76	250	Violet
LC0805-561K	560	25	20	50	200	1.90	230	Orange
LC0805-681K	680	25	18	50	130	2.20	190	Green
LC0805-821K	820	25	15	50	100	2.35	180	Blue