

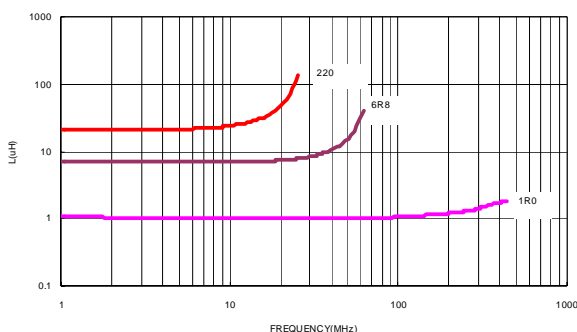
Electrical Characteristics

Part Number	Inductance (nH)	Test Frequency (MHz)	Tolerance (±%)	Q Typ	SRF (MHz) Min	Rdc () Max	Idc (mA)	Color
LS0805-78N□-N	78	7.9	10 / 5	19	1440	0.06	2000	Black
LS0805-R11□-N	110	7.9	10 / 5	19	1200	0.07	2000	Brown
LS0805-R47□-N	470	7.9	10 / 5	19	480	0.40	800	Red
LS0805-R68□-N	680	7.9	10 / 5	20	480	0.40	800	Orange
LS0805-1R0□-N	1000	7.9	10 / 5	20	400	0.69	700	Yellow
LS0805-1R5□-N	1500	7.9	10 / 5	20	330	0.83	700	Green
LS0805-1R8□-N	1800	7.9	10 / 5	20	300	1.00	650	Blue
LS0805-2R2□-N	2200	7.9	10 / 5	20	250	1.10	650	Violet
LS0805-2R7□-N	2700	7.9	10 / 5	23	200	1.25	650	Gray
LS0805-3R3□-N	3300	7.9	10 / 5	23	160	1.45	650	White
LS0805-3R9□-N	3900	7.9	10 / 5	23	90	1.50	600	Black
LS0805-4R7□-N	4700	7.9	10 / 5	20	70	1.60	530	Brown
LS0805-5R6□-N	5600	7.9	10 / 5	20	65	1.70	500	Red
LS0805-6R8□-N	6800	7.9	10 / 5	20	45	1.95	470	Orange
LS0805-8R2□-N	8200	2.5	10 / 5	16	45	2.10	450	Yellow
LS0805-100□-N	10000	2.5	10 / 5	16	40	2.40	400	Green
LS0805-120□-N	12000	2.5	10 / 5	16	38	3.20	360	Red
LS0805-150□-N	15000	2.5	10 / 5	16	35	3.55	350	Blue
LS0805-180□-N	18000	2.5	10 / 5	16	25	4.90	300	Orange
LS0805-220□-N	22000	2.5	10 / 5	16	20	5.45	270	Violet
LS0805-270□-N	27000	2.5	10 / 5	16	19	7.80	240	Gray
LS0805-470□-N	47000	2.5	10 / 5	16	15	14.50	180	Brown

- When ordering, please specify tolerance and packaging codes.
- Tolerance : J = ±5% , K = ±10%
- Packaging: Clear tape and reel (standard).
- L , Q : Agilent/HP4291A+ Agilent/HP16197A
- SRF : Agilent/HP4291A
- Rdc :CH502BC/HP4338B
- Idc for Inductance drop 10% from its value without current.
- Operating temperature range from -25 to 85 .

Test Instruments : HP4291A Material/Impedance Analyzer

Typical L vs. Frequency



Typical Q vs. Frequency

