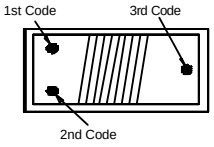
Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (MHz)	Tolerance (±%)	Q Min	Test Frequency (MHz)	SRF (MHz) Min	Rdc (Ω) Max	Idc (mA) Max	Color Coding 1ST	2ND	3RD
NLC252018T-1R0□-N	1.0	7.96	10 / 5	25	7.96	300	0.34	1500	Brown	Black	Red
NLC252018T-1R5□-N	1.5	7.96	10 / 5	25	7.96	270	0.42	1400	Brown	Green	Red
NLC252018T-2R2□-N	2.2	7.96	10 / 5	25	7.96	140	0.50	1200	Red	Red	Red
NLC252018T-3R3□-N	3.3	7.96	10 / 5	25	7.96	95	0.65	1000	Orange	Orange	Red
NLC252018T-4R7□-N	4.7	7.96	10 / 5	25	7.96	90	0.80	800	Yellow	Violet	Red
NLC252018T-6R8□-N	6.8	7.96	10 / 5	25	7.96	68	1.00	730	Blue	Gray	Red
NLC252018T-100□-N	10	2.52	10 / 5	20	2.52	45	1.50	700	Brown	Black	Orange
NLC252018T-150□-N	15	2.52	10 / 5	20	2.52	40	2.20	500	Brown	Green	Orange
NLC252018T-220□-N	22	2.52	10 / 5	20	2.52	25	2.70	470	Red	Red	Orange
NLC252018T-330□-N	33	2.52	10 / 5	20	2.52	25	4.00	400	Orange	Orange	Orange
NLC252018T-470□-N	47	2.52	10 / 5	16	2.52	20	8.00	300	Yellow	Violet	Orange

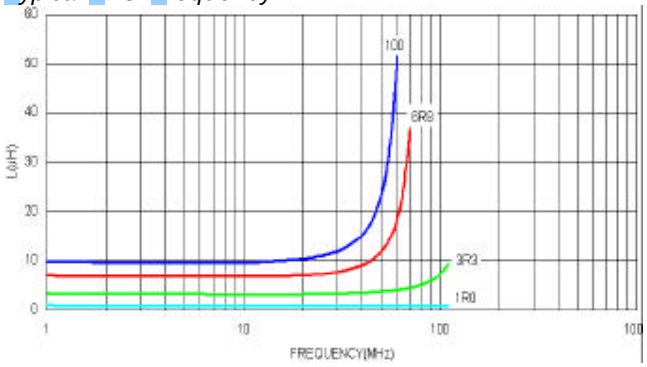
- When ordering, please specify tolerance and packaging codes.
- Tolerance: J = ±5%, K = ±10%
- Packaging：Clear tape and reel {standard}
- L /Q：Agilent/HP4291 + Agilent/HP16197A
- SRF： Agilent/HP4291A
- RDC：DIGITAL MULTIMETER CH502BC/ HP4338B
- Idc for Inductance drop 10% from its value without current.
- Operating temperature range from -25℃ to 85℃



COLOR CODING

Test Instruments：HP4291A Material/Impedance Analyzer

*Typical **L** vs. **F**requency*



*Typical **Q** vs. **F**requency*