

SMD Unshielded Power Inductors – SSL0804 Series

Electrical Characteristics

Part Number	Inductance ① (mH)	Tolerance (±%)	Self Resonant Frequency (MHz) Typ	DC Resistance Max. ()	Isat ② (A)	Irms ③ (A)
SSL0804T-1R0M	1.0	20	100	0.009	9.0	6.8
SSL0804T-1R5M	1.5	20	90	0.010	8.0	6.4
SSL0804T-2R2M	2.2	20	80	0.012	7.0	6.1
SSL0804T-3R3M	3.3	20	65	0.015	6.4	5.4
SSL0804T-4R7M	4.7	20	45	0.018	5.4	4.8
SSL0804T-6R8M	6.8	20	38	0.027	4.6	4.4
SSL0804T-100M	10	20	30	0.038	3.8	3.9
SSL0804T-150M	15	20	27	0.046	3.0	3.1
SSL0804T-220M	22	20	19	0.085	2.6	2.7
SSL0804T-330M	33	20	15	0.100	2.0	2.1
SSL0804T-470M	47	20	12	0.140	1.6	1.8
SSL0804T-680M	68	20	10	0.200	1.4	1.5
SSL0804T-101M	100	20	9	0.280	1.2	1.3
SSL0804T-151M	150	20	6	0.400	1.0	1.0
SSL0804T-221M	220	20	5	0.610	0.8	0.8
SSL0804T-331M	330	20	4.5	1.020	0.6	0.6
SSL0804T-471M	470	20	3.5	1.270	0.5	0.5
SSL0804T-681M	680	20	2.5	2.020	0.4	0.4
SSL0804T-102M	1000	20	2.0	3.000	0.3	0.3

- Inductance tested at 100 kHz, 0.1 Vrms.
- Inductance drop = 20% typ. at Isat.
- T = 15 rise typ at I rms.
- Operating temperature range -40 to +85