

SMD Unshielded Power Inductors – SSL0810 Series

Electrical Characteristics

Part Number	Inductance ① (mH)	Tolerance (±%)	DC Resistance (\pm^{+0})	Self Resonant Frequency (MHz) Typ	Isat ② (A)	Irms ③ (A)
SSL0810T-100M	10	20	0.033	22	8.0	3.5
SSL0810T-150M	15	20	0.042	18	7.0	3.0
SSL0810T-220M	22	20	0.054	11	5.5	2.5
SSL0810T-330M	33	20	0.08	9	4.0	2.0
SSL0810T-470M	47	20	0.10	8	3.8	1.6
SSL0810T-680M	68	20	0.17	7	3.0	1.2
SSL0810T-101M	100	20	0.22	5	2.5	1.2
SSL0810T-151M	150	20	0.34	4	2.0	0.9
SSL0810T-221M	220	20	0.44	3.5	1.6	0.7
SSL0810T-331M	330	20	0.70	2.5	1.2	0.6
SSL0810T-471M	470	20	0.95	2	1.0	0.3
SSL0810T-681M	680	20	1.2	2	1.0	0.2
SSL0810T-102M	1000	20	2.0	1.5	0.8	0.1

- Tested at 100 kHz, 0.1 Vrms.
- Inductance drop = 20% typ. at Isat.
- T = 40 °C rise typ at Irms.
- Operating temperature range -40 °C to +85 °C