

SMD Unshielded Power Inductors – SSL0802 Series

Electrical Characteristics

Part Number	Inductance ① (mH)	Tolerance (±%)	Self Resonant Frequency (MHz) Typ	DC Resistance (\pm %)	Isat ② (A)	Irms ③ (A)
SSL0802T-100M	10	20	35	0.09	2.4	2.0
SSL0802T-150M	15	20	33	0.12	2.0	1.5
SSL0802T-220M	22	20	25	0.19	1.6	1.3
SSL0802T-330M	33	20	19	0.25	1.4	1.1
SSL0802T-470M	47	20	14	0.32	1.0	0.8
SSL0802T-680M	68	20	12	0.55	0.9	0.7
SSL0802T-101M	100	20	10	0.70	0.7	0.6
SSL0802T-151M	150	20	8	1.00	0.6	0.5
SSL0802T-221M	220	20	6	1.60	0.5	0.4
SSL0802T-331M	330	20	5	2.20	0.4	0.3
SSL0802T-471M	470	20	4	3.30	0.3	0.2
SSL0802T-681M	680	20	3	4.40	0.2	0.1
SSL0802T-102M	1000	20	2.5	7.00	0.1	0.05

- Inductance tested at 100 kHz, 0.1 Vrms.
- Inductance drop = 20% typ. at Isat.
- T = 30 °C rise typ at I rms.
- Operating temperature range -40 °C to +85 °C