

SMD Unshielded Power Inductors – SSL0402 Series

Electrical Characteristics

Part Number	Inductance ① (mH)	Tolerance (±%)	Self Resonant Frequency (MHz) Typ	DC Resistance ($\mu\Omega$)	Isat ② (A)	Irms ③ (A)
SSL0402T-1R0M	1.0	20	130	0.05	2.90	2.9
SSL0402T-1R5M	1.5	20	115	0.05	2.60	2.8
SSL0402T-2R2M	2.2	20	90	0.07	2.30	2.4
SSL0402T-3R3M	3.3	20	70	0.08	2.00	2.0
SSL0402T-4R7M	4.7	20	50	0.09	1.50	1.5
SSL0402T-6R8M	6.8	20	45	0.13	1.20	1.4
SSL0402T-100M	10	20	35	0.16	1.10	1.1
SSL0402T-150M	15	20	30	0.23	0.90	1.2
SSL0402T-220M	22	20	20	0.37	0.70	0.8
SSL0402T-330M	33	20	15	0.51	0.58	0.6
SSL0402T-470M	47	20	14	0.64	0.50	0.5
SSL0402T-680M	68	20	11	0.86	0.40	0.4
SSL0402T-101M	100	20	9	1.27	0.31	0.3
SSL0402T-151M	150	20	6	2.00	0.27	0.25
SSL0402T-221M	220	20	5.5	3.11	0.22	0.20
SSL0402T-331M	330	20	5	3.80	0.18	0.16
SSL0402T-471M	470	20	4	5.06	0.16	0.15
SSL0402T-681M	680	20	3	9.20	0.14	0.12
SSL0402T-102M	1000	20	2	13.8	0.10	0.07

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