

## SMD Unshielded Power Inductors – SSL1306 Series

### Electrical Characteristics

Part Number	Inductance ① (mH)	Tolerance (±%)	Self Resonant Frequency (MHz) Typ)	DC Resistance ±15% ( )	Isat ② (A)	Irms ③ (A)
SSL1306T-1R0M	1.0	20	80	0.011	20	8.6
SSL1306T-2R2M	2.2	20	80	0.014	16	7.1
SSL1306T-3R3M	3.3	20	60	0.016	14	6.2
SSL1306T-5R6M	5.6	20	40	0.022	12	5.3
SSL1306T-100M	10	20	30	0.032	10	4.3
SSL1306T-150M	15	20	22	0.036	8.0	4.0
SSL1306T-220M	22	20	20	0.047	7.0	3.5
SSL1306T-330M	33	20	15	0.066	5.5	3.0
SSL1306T-470M	47	20	9	0.087	4.5	2.6
SSL1306T-680M	68	20	8	0.13	3.5	2.3
SSL1306T-101M	100	20	7	0.19	3.0	1.8
SSL1306T-151M	150	20	6	0.25	2.6	1.5
SSL1306T-221M	220	20	5	0.38	2.4	1.2
SSL1306T-331M	330	20	4	0.56	1.9	1.0
SSL1306T-471M	470	20	3	0.85	1.4	0.82
SSL1306T-681M	680	20	2.5	1.2	1.2	0.72
SSL1306T-102M	1000	20	2	1.8	1.0	0.56

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