

Electrical Characteristics

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

1. Inductance tested at 100 KHz, 0.1 Vrms.

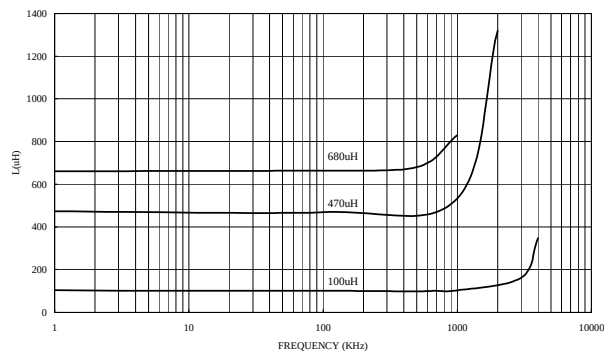
2. Inductance drop = 20% typ. at Isat.

3. $\Delta T = 40^{\circ}\text{C}$ rise typ at Irms.

- Tolerance: M = $\pm 20\%$
- Operating temperature range -40°C to $+85^{\circ}\text{C}$

Test Instruments :

INDUCTANCE vs. FREQUENCY CHARACTERISTICS



INDUCTANCE vs. IDC CHARACTERISTICS

