

SMD Shielded Power Inductors – SLF1045 Series

Electrical Characteristics

Part Number	Inductance (mH)	Tolerance (±%)	Test Frequency L (kHz)	DC Resistance () ±20%	Rated current Max	Itemp (A) Max.
SLF1045T-100M-S	10	20	1	0.0364	3	2.5
SLF1045T-150M-S	15	20	1	0.0472	2.4	2.2
SLF1045T-220M-S	22	20	1	0.0591	2.1	1.9
SLF1045T-330M-S	33	20	1	0.0815	1.6	1.7
SLF1045T-470M-S	47	20	1	0.1	1.4	1.5
SLF1045T-680M-S	68	20	1	0.14	1.2	1.3
SLF1045T-101M-S	100	20	1	0.2	1	1.1
SLF1045T-151M-S	150	20	1	0.35	0.79	0.81
SLF1045T-221M-S	220	20	1	0.47	0.65	0.7
SLF1045T-331M-S	330	20	1	0.68	0.54	0.58
SLF1045T-471M-S	470	20	1	1.03	0.47	0.47
SLF1045T-681M-S	680	20	1	1.6	0.38	0.38
SLF1045T-102M-S	1000	20	1	2.8	0.32	0.29
SLF1045T-152M-S	1500	20	1	3.4	0.22	0.26

- Rated current: Value obtained when DC current flows and the initial value of inductance has fallen by 10%
- Itemp current: Value obtained when current flows and the temperature has risen to 30
- Test equipment Inductance: HP4192A LF impedance analyzer or equivalent (Test frequency:1KHz/0.5V)
- RDC: CH502BC digital multimeter, or equivalent.

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