

SMD Shielded Power Inductors – SLF1265 Series

Electrical Characteristics

Part Number	Inductance (μ H)	Tolerance (\pm %)	Test Frequency L (kHz)	DC Resistance (Ω) \pm 20%	Rated current (A)Max.	Itemp (A) Max.
SLF1265T-2R0T	2.0	30	1	0.017	10	6.2
SLF1265T-4R2T	4.2	30	1	0.015	7.3	5.5
SLF1265T-7R0T	7	30	1	0.0177	5.7	5
SLF1265T-100M	10	20	1	0.0202	5	4.8
SLF1265T-150M	15	20	1	0.0237	4.2	4.4
SLF1265T-220M	22	20	1	0.0316	3.5	3.8
SLF1265T-330M	33	20	1	0.0406	2.8	3.4
SLF1265T-470M	47	20	1	0.0578	2.4	2.8
SLF1265T-680M	68	20	1	0.0787	2	2.4
SLF1265T-101M	100	20	1	0.123	1.6	1.9
SLF1265T-221M	220	20	1	0.273	1	1.2

- 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 40
- Test equipment Inductance: HP4192A LF impedance analyzer or equivalent (Test frequency: 1KHz/0.5V)
- RDC: CH502BC digital multimeter, or equivalent.