

## SMD Shielded Power Inductors – SLF1275 Series

### Electrical Characteristics

Part Number	Inductance (mH)	Tolerance (±%)	Test Frequency L (kHz)	DC Resistance ( ) ±20%	Rated current (A)Max.	Itemp (A) Max.
SLF1275T-1R2T	1.2	30	1	0.0069	13	8.2
SLF1275T-2R7T	2.7	30	1	0.0094	10	7
SLF1275T-3R9T	3.9	30	1	0.0104	9	6.7
SLF1275T-5R6T	5.6	30	1	0.0116	7.8	6.3
SLF1275T-6R8T	6.8	30	1	0.0131	7.2	5.9
SLF1275T-100M	10	20	1	0.0156	5.5	5.4
SLF1275T-150M	15	20	1	0.0184	4.7	5
SLF1275T-220M	22	20	1	0.0263	4	4
SLF1275T-330M	33	20	1	0.0395	3.2	3.4
SLF1275T-470M	47	20	1	0.0528	2.7	3
SLF1275T-680M	68	20	1	0.0778	2	2.4
SLF1275T-101M	100	20	1	0.1250	1.9	1.9
SLF1275T-151M	150	20	1	0.1750	1.5	1.6
SLF1275T-221M	220	20	1	0.2580	1.3	1.3

- 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.