THC Series

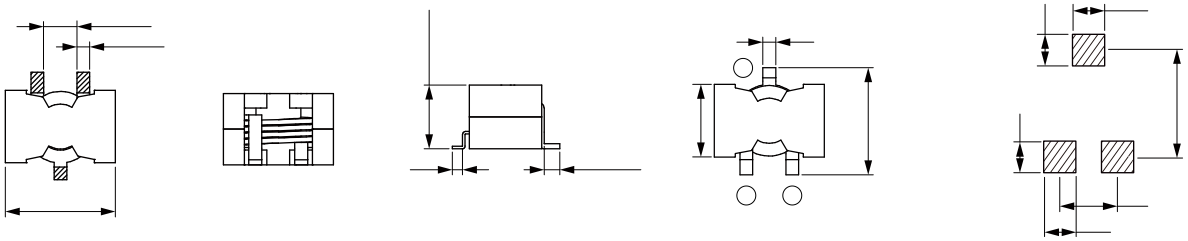


CHARACTERISTICS

- High satura on current up to 100A
- Low losses with flat wire design
- Low core losses with Mnzn core material
- Quan ty:100pcs

APPLICATION

- High current DC/DC converter
- LC filter



Part No	Inductance (μH)	Tolerance	Temperature Rise Current Typ. (A)	Satura on Current Typ. (A)	DC Resistance Typ. (mΩ)	DC Resistance Max. (mΩ)
THC2012-R47M	0.47	±20%	45.0	75.0	0.45	0.55
THC2012-R82M	0.82	±20%	45.0	55.0	0.45	0.55
THC2012-1R0M	1.00	±20%	35.0	85.0	1.38	1.60
THC2012-1R5M	1.50	±20%	35.0	60.0	1.38	1.60
THC2012-2R2M	2.20	±20%	28.0	50.0	2.11	2.40
THC2012-3R3M	3.30	±20%	28.0	35.0	2.11	2.40
THC2012-4R7M	4.70	±20%	28.0	24.0	2.11	2.40
THC2012-6R8M	6.80	±20%	28.0	16.0	2.11	2.40
THC2012-8R2M	8.20	±20%	28.0	13.0	2.11	2.40
THC2012-100M	10.0	±20%	16.0	13.0	5.87	7.00
THC2012-150M	15.0	±20%	16.0	10.0	5.87	7.00
THC2012-220M	22.0	±20%	14.0	10.0	8.17	9.80
THC2012-330M	33.0	±20%	14.0	7.00	8.17	9.80

Opera ng Temperature: -40℃ to +125℃
Temperature Rise Current: the actual value of DC current when the temperature rise is ΔT40℃
Satura on Current that will cause ini al inductance to drop approximately 20%