ORITAC

SMT Power Inductor > Non-Shielded > SEQ5750

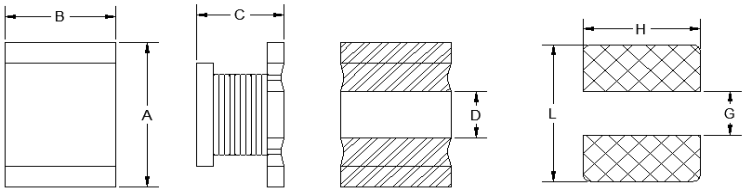
Features

- Non-Shielded magnetic circuit design.
- High current design.
- Take up less PCS real estate and save more power.

Applications

- Mobile devices, Cameras, Notebook PCs, Destop Computers, Servers and graphic cards.
- Flat-screen TVs, Blue-ray DISC recorders, Set top boxes and LED lightings.
- Portable gameing devices, personal navigation systems, Personal Multimedia devices.

Shape and Diemensions



Packing Q'ty : pcs/reel

Type	A	B	C	D	L	G	H	
SEQ5750	5.7 ± 0.3	5.0 ± 0.3	4.5 ± 0.3	2.1	7.5	2.0	5.5	

Electrical Characteristics

Part No.	Inductance (μH)	Measuring Freq. (MHz)	D.C.R (Ω) Max.	Rated Current (A) Max.
SEQ5750-1R0MC	1.0 ± 20%	1	0.020	9.00
SEQ5750-1R2MC	1.2 ± 20%	1	0.024	8.81
SEQ5750-1R5MC	1.5 ± 20%	1	0.028	7.80
SEQ5750-1R8MC	1.8 ± 20%	1	0.032	7.08
SEQ5750-2R2MC	2.2 ± 20%	1	0.035	6.54
SEQ5750-2R7MC	2.7 ± 20%	1	0.045	5.83
SEQ5750-3R3MC	3.3 ± 20%	1	0.054	5.48
SEQ5750-3R9MC	3.9 ± 20%	1	0.056	5.27
SEQ5750-4R7MC	4.7 ± 20%	1	0.081	4.48
SEQ5750-5R6MC	5.6 ± 20%	1	0.100	3.91
SEQ5750-6R8MC	6.8 ± 20%	1	0.124	3.57
SEQ5750-8R2MC	8.2 ± 20%	1	0.150	3.28
SEQ5750-100MC	10 ± 20%	1	0.167	3.06
SEQ5750-120MC	12 ± 20%	1	0.190	2.95
SEQ5750-150MC	15 ± 20%	1	0.215	2.63
SEQ5750-180MC	18 ± 20%	1	0.322	2.46
SEQ5750-220MC	22 ± 20%	1	0.389	2.21
SEQ5750-270MC	27 ± 20%	1	0.448	1.78
SEQ5750-330MC	33 ± 20%	1	0.586	1.75
SEQ5750-390MC	39 ± 20%	1	0.486	1.70
SEQ5750-470MC	47 ± 20%	1	0.586	1.50
SEQ5750-560MC	56 ± 20%	1	0.725	1.45
SEQ5750-680MC	68 ± 20%	1	0.808	1.30
SEQ5750-820MC	82 ± 20%	1	0.990	1.15
SEQ5750-101KC	100 ± 10%	1	1.100	1.05
SEQ5750-121KC	120 ± 10%	1	1.388	0.97
SEQ5750-151KC	150 ± 10%	1	1.575	0.94
SEQ5750-181KC	180 ± 10%	1	2.000	0.84
SEQ5750-221KC	220 ± 10%	1	2.550	0.72
SEQ5750-271KC	270 ± 10%	1	2.825	0.67
SEQ5750-331KC	330 ± 10%	1	3.600	0.60
SEQ5750-391KC	390 ± 10%	1	4.000	0.55

NOTES:

Isat : DC current at which the inductance drops approximately 30% from its value without current.

Irms : DC current that causes the temperature rise (ΔT=40°C) from 20°C ambient