

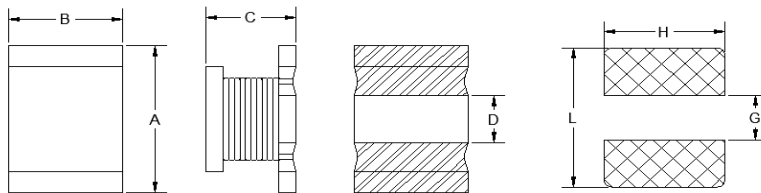
Features

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

Applications

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

Shapes and Dimensions



Packing Q'ty : 1,000 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 (uH)	Measuring Freq. (KHz)	D.C.R max. (Ω)	Rated Current (A)
SEQ5750-1R0MC	1.0 ± 20%	1.0 M	0.020	9.00
SEQ5750-1R2MC	1.2 ± 20%	1.0 M	0.024	8.81
SEQ5750-1R5MC	1.5 ± 20%	1.0 M	0.028	7.80
SEQ5750-1R8MC	1.8 ± 20%	1.0 M	0.032	7.08
SEQ5750-2R2MC	2.2 ± 20%	1.0 M	0.035	6.54
SEQ5750-2R7MC	2.7 ± 20%	1.0 M	0.045	5.83
SEQ5750-3R3MC	3.3 ± 20%	1.0 M	0.054	5.48
SEQ5750-3R9MC	3.9 ± 20%	1.0 M	0.056	5.27
SEQ5750-4R7MC	4.7 ± 20%	1.0 M	0.081	4.48
SEQ5750-5R6MC	5.6 ± 20%	1.0 M	0.100	3.91
SEQ5750-6R8MC	6.8 ± 20%	1.0 M	0.124	3.57
SEQ5750-8R2MC	8.2 ± 20%	1.0 M	0.150	3.28
SEQ5750-100MC	10 ± 20%	1.0 M	0.167	3.06
SEQ5750-120MC	12 ± 20%	1.0 M	0.190	2.95
SEQ5750-150MC	15 ± 20%	1.0 M	0.215	2.63
SEQ5750-180MC	18 ± 20%	1.0 M	0.256	2.46
SEQ5750-220MC	22 ± 20%	1.0 M	0.322	2.21
SEQ5750-270MC	27 ± 20%	1.0 M	0.389	1.78
SEQ5750-330MC	33 ± 20%	1.0 M	0.448	1.75
SEQ5750-390MC	39 ± 20%	1.0 M	0.486	1.70
SEQ5750-470MC	47 ± 20%	1.0 M	0.586	1.50
SEQ5750-560MC	56 ± 20%	1.0 M	0.725	1.45
SEQ5750-680MC	68 ± 20%	1.0 M	0.806	1.30
SEQ5750-820MC	82 ± 20%	1.0 M	0.990	1.15

NOTES:

Rated Current: The DC current at which the inductance decreases to 90% of its initial value or when ΔT=40°C, whichever is lower (Ta=20°C)

Electrical Characteristics

Part No.	Inductance (μ H)	Measuring Freq. (KHz)	D.C.R max. (Ω)	Rated Current (A)
SEQ5750-101KC	100 \pm 10%	1.0 M	1.100	1.05
SEQ5750-121KC	120 \pm 10%	1.0 M	1.388	0.97
SEQ5750-151KC	150 \pm 10%	1.0 M	1.575	0.97
SEQ5750-181KC	180 \pm 10%	1.0 M	2.000	0.84
SEQ5750-221KC	220 \pm 10%	1.0 M	2.550	0.72
SEQ5750-271KC	270 \pm 10%	1.0 M	2.853	0.67
SEQ5750-331KC	330 \pm 10%	1.0 M	3.600	0.60
SEQ5750-391KC	390 \pm 10%	1.0 M	4.000	0.55

NOTES:

Rated Current: The DC current at which the inductance decreases to 90% of its initial value or when $\Delta T=40^{\circ}\text{C}$, whichever is lower ($T_a=20^{\circ}\text{C}$)