



### Dimensions

Code	A	B	C	D	E
Dimensions (mm)	7.5±0.4	7.2±0.4	5.2±0.2	3.0±0.3	2.0±0.2

### Specifications

Characteristic	L0 (μH)	I <sub>rms</sub> (A)	I <sub>sat</sub> (A)	DCR <sub>typ</sub> (mΩ)	DCR <sub>max</sub> (mΩ)
DCHC0754A-1R0M-C	1	15	20	4.7	6
DCHC0754A-1R5M-C	1.5	13	14.8	6.1	7.4
DCHC0754A-2R2M-C	2.2	12	12.5	6.85	8
DCHC0754A-3R3M-C	3.3	9.5	10	11.25	12.6
DCHC0754A-4R7M-C	4.7	7.8	12	16.2	18.26
DCHC0754A-6R8M-C	6.8	7	10	24.9	27
DCHC0754A-100M-C	10	5.5	9	37.4	41.2
DCHC0754A-220M-C	22	4	4.2	75	83
DCHC0754A-330M-C	33	3.4	4.4	95	106.5
DCHC0754A-470M-C	47	2.3	3.1	162	176
DCHC0754A-680M-C	68	2.1	2.8	220	244
DCHC0754A-101M-C	100	1.5	2.4	340	385

Inductance (L0) Test Parameters: 100kHz, 0.25V<sub>rms</sub>, 0.0A<sub>dc</sub>, +25° C

I<sub>rms</sub>: DC current for an approximate temperature rise of 40° C without core loss

DC current for approximately 30% rolloff at +25° C

Temperature grade -55°C-155°C