



### Dimensions

Code	A	B	C	D	E
Dimensions (mm)	3.2±0.2	2.5±0.2	1.2 max.	1.2±0.3	0.7±0.3

### Specifications

Characteristic	L0 (μH)	I <sub>rms</sub> (A)	I <sub>sat</sub> (A)	DCR <sub>typ</sub> (mΩ)	DCR <sub>max</sub> (mΩ)
DCHC322512A-R47M-D	0.47	5.2	7	18	22
DCHC322512A-R68M-D	0.68	4.9	6.3	20	26
DCHC322512A-1R0M-D	1	4.4	5	34	41
DCHC322512A-1R5M-D	1.5	3.3	4	50	60
DCHC322512A-2R2M-D	2.2	2.9	3.6	70	85
DCHC322512A-4R7M-D	4.7	1.55	2.05	162	195

Inductance (L0) Test Parameters: 1MHz, 1.0Vrms, 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-125°C