



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	10.85 ± 0.35	10.0 ± 0.3	5.2 ± 0.2	3.0 ± 0.5	2.0 ± 0.5

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (m Ω)	DCR _{max} (m Ω)
DCHC1054A-R68M-C	0.68	28.8	39.4	1.85	2.22
DCHC1054A-1R0M-C	1	18.5	24	2.9	3.3
DCHC1054A-1R5M-C	1.5	16	28	3.8	4.3
DCHC1054A-2R2M-C	2.2	15.5	18.5	4.6	5.3
DCHC1054A-4R7M-C	4.7	13	13.5	8.6	10
DCHC1054A-100M-C	4.7	7.5	8	24	27

Inductance (L0) Test Parameters: 100kHz, 0.25V_{rms}, 0.0A_{dc}, +25° C

I_{rms}: 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