



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} (mΩ)	DCR _{max} (mΩ)
DCHA1054A-R68M-C	0.68	28.8	39.4	1.85	2.22
DCHA1054A-1R0M-C	1.0	18.5	24.0	2.90	3.30
DCHA1054A-1R5M-C	1.5	16.0	28.0	3.80	4.30
DCHA1054A-2R2M-C	2.2	15.5	18.5	4.60	5.30
DCHA1054A-3R3M-C	3.3	16.8	14.7	6.50	7.40
DCHA1054A-4R7M-C	4.7	13.0	13.5	8.60	10.0
DCHA1054A-100M-C	10.0	7.5	8.0	24.0	27.0
DCHA1054A-470M-C	47.0	3.6	4.2	89.0	103.0

Inductance (L0) Test Parameters: 100KHz, 0.25Vrms, 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