



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	11.0±0.35	10.0±0.3	8.2Max.	3.1±0.3	2.4±0.5

Specifications

Characteristice	LO (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCHC1080A-100M-C	10	4.8	11.2	35.8	40.45
DCHC1080A-150M-C	15	4.6	9.1	58.37	65.96
DCHC1080A-220M-C	22	3.1	7.5	74.4	84.07

Inductance (LO) 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