



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	11.0±0.3	7.0±0.2	3.0max.	2.70typ.	2.30typ.

Specifications

Characteristice	LO (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCSC110730A-R18M-E	180	56	42	0.4	0.6
DCSC110730A-R22M-E	220	40	34	0.7	0.9
DCSC110730A-R27M-E	270	35	30	0.9	1.2

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 -40°C-125°C