



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	10.0±0.2	6.9±0.2	5.0max.	2.6typ.	2.2typ.

Specifications

Characteristic	LO (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCSC100750A-R08M-E	80	56	90	0.34	0.4
DCSC100750A-R10M-E	100	56	85	0.34	0.4
DCSC100750A-R12M-E	120	56	80	0.34	0.4
DCSC100750A-R15M-E	150	56	70	0.34	0.4
DCSC100750A-R22M-E	220	56	55	0.34	0.4

Inductance (LO) Test Parameters: 100kHz, 0.25V_{rms}, 0.0Adc, +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