



Dimensions

Code	A	B	C	D
Dimensions (mm)	2.0±0.2	1.2±0.2	1.0 max.	0.6 typ.

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCTC201210S-R11M-E	0.11	6.4	8.5	/	10
DCTC201210S-R24M-E	0.24	4.5	6.2	/	25
DCTC201210S-R33M-E	0.33	3.4	5.2	/	31.0
DCTC201210S-R47M-E	0.47	3.5	4.8	/	30.0
DCTC201210S-R68M-E	0.68	2.4	3.6	/	60.0
DCTC201210S-1R0M-E	1.0	2.3	3.2	/	70.0
DCTC201210S-1R5M-E	1.5	2	2.7	/	96.0
DCTC201210S-2R2M-E	2.2	1.6	2.1	/	156.0

Inductance (L0) Test Parameters: 1MHz, 1.0V _{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-125°C