



### Dimensions

Code	A	B	C	D	E
Dimensions (mm)	10.8±0.4	10.0±0.3	5.0max	2.7±0.3	2.35±0.2

### Specifications

Characteristic	L0 (μH)	I <sub>rms</sub> (A)	I <sub>sat</sub> (A)	DCR <sub>typ</sub> (mΩ)	DCR <sub>max</sub> (mΩ)
DCYC1050A-R68M-C	0.68	29.2	30	1.65	1.93
DCYC1050A-R72M-C	0.72	28.5	24	1.55	1.71
DCYC1050A-R90M-C	0.9	25	23	1.74	2.02
DCYC1050A-1R0M-C	1	22.5	24	2.1	2.4
DCYC1050A-1R2M-C	1.2	23.1	21	2.1	2.4
DCYC1050A-1R5M-C	1.5	19.5	20	2.9	3.34
DCYC1050A-2R2M-C	2.2	16.7	19	3.9	4.49
DCYC1050A-2R8M-C	2.8	14	18	5.2	6
DCYC1050A-3R3M-C	3.3	10.3	16	9.23	10.7
DCYC1050A-4R7M-C	4.7	9.4	13	11.7	13.5
DCYC1050A-5R6M-C	5.6	8.5	12	14	16.5
DCYC1050A-6R8M-C	6.8	8.2	10	17.1	20
DCYC1050A-100M-C	10	7	7	22	27
DCYC1050A-120M-C	12	5.7	8	31.2	35.9
DCYC1050A-150M-C	15	5.7	7	34.7	40.3
DCYC1050A-220M-C	22	4.6	6	52.3	61
DCYC1050A-330M-C	33	3.9	3.5	70	84
DCYC1050A-470M-C	47	3.2	3	97.6	117
DCYC1050A-680M-C	68	2.8	4	160	211

Inductance (L0) Test Parameters: 100kHz, 0.25V<sub>rms</sub>, 0.0A<sub>dc</sub>, +25° C

I<sub>rms</sub>: 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