



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	10.8±0.4	10.0±0.3	4.0max	2.7±0.3	2.35±0.2

Specifications

Characteristic	LO (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYC1040A-R20M-C	0.2	45	60	0.63	0.72
DCYC1040A-R22M-C	0.22	35	65	0.62	0.7
DCYC1040A-R36M-C	0.36	32.3	33	1.04	1.2
DCYC1040A-R45M-C	0.45	31.2	40	1.07	1.23
DCYC1040A-R47M-C	0.47	30.8	35	1.1	1.27
DCYC1040A-R56M-C	0.56	28	24	1.56	1.8
DCYC1040A-R90M-C	0.9	23.8	22	2.17	2.5
DCYC1040A-1R0M-C	1	20.5	25	2.7	3.1
DCYC1040A-1R5M-C	1.5	16.5	22	3.8	4.2
DCYC1040A-2R2M-C	2.2	13.3	16	6	7
DCYC1040A-3R3M-C	3.3	9.8	11.5	9.9	11.4
DCYC1040A-4R7M-C	4.7	8.8	10.8	13.2	15
DCYC1040A-5R6M-C	5.6	8.4	9	14	17
DCYC1040A-6R8M-C	6.8	7.5	9	16	19
DCYC1040A-100M-C	10	6.4	6	27	30
DCYC1040A-150M-C	15	5.2	4.6	40	45
DCYC1040A-220M-C	22	4.2	4.6	58	65
DCYC1040A-330M-C	33	3.4	4.6	89	102
DCYC1040A-470M-C	47	2.5	3.6	147	165
DCYC1040A-680M-C	68	2.3	3	190	210

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