



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	11.1 ± 0.4	10.0 ± 0.3	4.0max	3.0 ± 0.5	1.8min

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (m Ω)	DCR _{max} (m Ω)
DCYC1040A-R15M-T	0.15	45	75	0.59	0.65
DCYC1040A-R20M-T	0.2	32	45	0.63	0.72
DCYC1040A-R22M-T	0.22	35	60	0.9	1
DCYC1040A-R30M-T	0.3	35	45	0.99	1.1
DCYC1040A-R36M-T	0.36	30	60	1.04	1.2
DCYC1040A-R45M-T	0.45	29	36	1.07	1.23
DCYC1040A-R47M-T	0.47	30	40	1.15	1.4
DCYC1040A-R56M-T	0.56	25	33	1.56	1.8
DCYC1040A-R68M-T	0.68	23	30	1.8	2.2
DCYC1040A-R80M-T	0.8	23	29	2.43	2.7
DCYC1040A-R90M-T	0.9	22	28	2.17	2.5
DCYC1040A-1R0M-T	1	19	28	3	3.3
DCYC1040A-1R5M-T	1.5	16	32	3.8	4.2
DCYC1040A-2R2M-T	2.2	13	18	6	7
DCYC1040A-3R3M-T	3.3	11	16	10.8	11.8
DCYC1040A-4R7M-T	4.7	9	15	17	20
DCYC1040A-6R8M-T	6.8	8.5	12	18.5	21.5
DCYC1040A-8R2M-T	8.2	8	9	25	27
DCYC1040A-100M-T	10	7.8	8.5	27	30
DCYC1040A-150M-T	15	6.5	7	45	50
DCYC1040A-220M-T	22	5	5.5	60	66
DCYC1040A-330M-T	33	4.4	4.8	82.8	92

Inductance (L0) 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-125°C