



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	11.1 ± 0.4	10.2 ± 0.2	3.0 max	3.0 ± 0.5	1.8 min

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYC1030A-R12M-T	0.12	30	75	0.55	0.61
DCYC1030A-R36M-T	0.36	23	28	1.1	1.3
DCYC1030A-R47M-T	0.47	20	26	1.5	2
DCYC1030A-R68M-T	0.68	21	23	2.9	3.4
DCYC1030A-1R0M-T	1	15	21	5.5	6
DCYC1030A-1R5M-T	1.5	13.5	20	6.5	7.5
DCYC1030A-2R2M-T	2.2	13	16	8.4	9
DCYC1030A-3R3M-T	3.3	9	14	14.5	16
DCYC1030A-4R7M-T	4.7	7	13	20.5	22.5
DCYC1030A-8R2M-T	8.2	5	8.5	35	38.5
DCYC1030A-100M-T	10	5	7.5	40	44
DCYC1030A-150M-T	15	4	6	59	65
DCYC1030A-220M-T	22	3	5	90	99

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