



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	5.15 ± 0.35	5.10 ± 0.2	2.8 ± 0.2	1.5 ± 0.3	1.0 ± 0.3

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYC0530A-R20M-T	0.2	22.2	21	2.1	2.31
DCYC0530A-R35M-T	0.35	16.6	14.9	3.9	4.29
DCYC0530A-R47M-T	0.47	12	11.5	6.5	7.15
DCYC0530A-R75M-T	0.75	11.3	9.7	8.5	9.35
DCYC0530A-1R0M-T	1	10.1	8.5	10.4	11.44
DCYC0530A-1R5M-T	1.5	7.5	7	17.1	18.5
DCYC0530A-2R2M-T	2.2	6.75	6.5	22.5	25
DCYC0530A-3R3M-T	3.3	5.5	6	36.4	40.4
DCYC0530A-4R7M-T	4.7	4.5	5.5	54	60
DCYC0530A-5R6M-T	5.6	4.25	3.5	63	70.6
DCYC0530A-100M-T	10	2.75	3.1	122.1	131.9
DCYC0530A-150M-T	15	2.4	2.1	138.4	166.2
DCYC0530A-220M-T	22	1.9	1.9	260	270

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