



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	13.3±0.5	12.5±0.5	6.5 max	4.0±0.5	2.5±0.3

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYC1365A-R22M-T	0.22	53	112	0.46	0.6
DCYC1365A-R33M-T	0.33	46	68	0.58	0.8
DCYC1365A-R47M-T	0.47	41	63	1	1.2
DCYC1365A-1R0M-T	1	30	48	1.7	2.3
DCYC1365A-1R5M-T	1.5	27	45	2.55	3
DCYC1365A-2R2M-T	2.2	22	37	3.5	4.2
DCYC1365A-3R3M-T	3.3	18	30	6.25	6.8
DCYC1365A-4R7M-T	4.7	13.5	28	6.7	8.4
DCYC1365A-5R6M-T	5.6	12.5	23	8	10
DCYC1365A-6R8M-T	6.8	11.5	18	9.5	11.5
DCYC1365A-8R2M-T	8.2	10.5	16	11.5	15.5
DCYC1365A-150M-T	15	9	12.5	22	28
DCYC1365A-220M-T	22	9	12	31.3	37
DCYC1365A-470M-T	47	5.5	7	75	90

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