



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	17.2±0.3	16.85±0.3	7.0 max	12.0±0.3	2.8±0.3

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYC1770A-1R0M-T	1	48	73	1.24	1.38
DCYC1770A-1R5M-T	1.5	40	60	1.85	2.15
DCYC1770A-2R2M-T	2.2	34	34	2.15	2.5
DCYC1770A-4R7M-T	4.7	24	24	4.12	4.72
DCYC1770A-5R6M-T	5.6	24	35	5.9	6.8
DCYC1770A-6R8M-T	6.8	20	22	6.55	7.55
DCYC1770A-8R2M-T	8.2	16	20	8.1	8.7
DCYC1770A-100M-T	10	14	18	9.3	10
DCYC1770A-150M-T	15	12	13	14.5	15.5
DCYC1770A-220M-T	22	9.5	11	21	23
DCYC1770A-330M-T	33	9	10	35	37
DCYC1770A-470M-T	47	6.8	7.5	41	47
DCYC1770A-680M-T	68	5.2	6.5	74	85

Inductance (L0) Test Parameters: 100kHz, 0.25V _{rms} , 0.0Adc, +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℃-125℃