



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	7.1±0.3	6.6±0.2	3.0max	2.95±0.2	1.6±0.3

Specifications

Characteristic	LO (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYC0730A-R15M-T	0.15	26	62	1.3	1.7
DCYC0730A-R22M-T	0.22	24	42	2.2	2.65
DCYC0730A-R24M-T	0.24	23	28	2.8	3.1
DCYC0730A-R33M-T	0.33	21	33	3.2	3.5
DCYC0730A-R47M-T	0.47	17.5	30	3.4	4
DCYC0730A-R56M-T	0.56	16.5	25.5	4.1	4.5
DCYC0730A-R68M-T	0.68	16	25.5	4.8	5.3
DCYC0730A-R75M-T	0.75	14	24.5	5.58	6.2
DCYC0730A-R82M-T	0.82	14	24	6.7	7.8
DCYC0730A-1R0M-T	1	12	23	8	9.3
DCYC0730A-1R5M-T	1.5	12	21	11.8	13.6
DCYC0730A-2R2M-T	2.2	9.5	16	16	18.5
DCYC0730A-3R3M-T	3.3	8.5	13.5	23.8	27
DCYC0730A-4R7M-T	4.7	6	10.5	35	40
DCYC0730A-6R8M-T	6.8	5	9.5	48	52
DCYC0730A-8R2M-T	8.2	5	8.5	55	60
DCYC0730A-100M-T	10	3.2	8	60	67
DCYC0730A-150M-T	15	3	7	112.6	121
DCYC0730A-220M-T	22	2.3	5	135.3	148
DCYC0730A-330M-T	33	2	4	200	230

Inductance (LO) 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