



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	13.45±0.35	12.6±0.3	6.5 max	R22~R47 4.4±0.3 R68~3R3 3.68±0.3 4R7~560 4.7±0.3	2.3±0.35

Specifications

Characteristic	LO (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYC1365A-R22M-C	0.22	52	100	0.46	0.6
DCYC1365A-R33M-C	0.33	47	70	0.58	0.69
DCYC1365A-R47M-C	0.47	43	55	0.73	0.87
DCYC1365A-R68M-C	0.68	36	46	1.15	1.48
DCYC1365A-1R0M-C	1	28	34	1.49	1.75
DCYC1365A-1R2M-C	1.2	22.5	30	1.78	2.1
DCYC1365A-1R5M-C	1.5	21	25	2.04	2.4
DCYC1365A-1R8M-C	1.8	19	24	2.55	2.94
DCYC1365A-2R2M-C	2.2	18.5	23	2.62	3.1
DCYC1365A-3R3M-C	3.3	16.5	18	3.55	4.1
DCYC1365A-4R7M-C	4.7	13	20	6.25	7.25
DCYC1365A-5R6M-C	5.6	12	18	7.21	8.3
DCYC1365A-6R8M-C	6.8	10	15	9.5	11.5
DCYC1365A-7R8M-C	7.8	10	16	10.25	11.78
DCYC1365A-8R2M-C	8.2	10	14	10.3	11.85
DCYC1365A-100M-C	10	9.5	13.5	15	17.2
DCYC1365A-120M-C	12	9.5	12.5	16.41	18.9
DCYC1365A-150M-C	15	9.5	11	20.3	23.4
DCYC1365A-220M-C	22	6	8	28.8	33.1
DCYC1365A-330M-C	33	5	7.5	40.8	45

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-155°C