



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	13.45±0.35	12.6±0.3	6.5max	R22~R47:4.4±0.3 1R0~3R3:3.68±0.3 4R7~470:4.7±0.3	2.3±0.35

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYA1365A-R22M-C	0.22	52.0	100.0	0.46	0.60
DCYA1365A-R33M-C	0.33	47.0	70.0	0.58	0.69
DCYA1365A-R47M-C	0.47	43.0	55.0	0.73	0.87
DCYA1365A-1R0M-C	1.0	28.0	34.0	1.49	1.75
DCYA1365A-1R2M-C	1.2	22.5	30.0	1.78	2.10
DCYA1365A-1R5M-C	1.5	21.0	25.0	2.04	2.40
DCYA1365A-1R8M-C	1.8	19.0	24.0	2.55	2.94
DCYA1365A-2R2M-C	2.2	18.5	23.0	2.62	3.10
DCYA1365A-3R3M-C	3.3	16.5	18.0	3.55	4.10
DCYA1365A-4R7M-C	4.7	13.0	20.0	6.25	7.25
DCYA1365A-5R6M-C	5.6	12.0	18.0	7.21	8.30
DCYA1365A-6R8M-C	6.8	10.0	15.0	9.50	11.50
DCYA1365A-7R8M-C	7.8	10.0	16.0	10.25	11.78
DCYA1365A-8R2M-C	8.2	10.0	14.0	10.30	11.85
DCYA1365A-100M-C	10.0	9.5	13.5	15.00	17.20
DCYA1365A-120M-C	12.0	9.5	12.5	16.41	18.90
DCYA1365A-150M-C	15.0	9.5	11.0	20.30	23.40
DCYA1365A-220M-C	22.0	6.0	8.0	28.80	33.10
DCYA1365A-330M-C	33.0	5.0	7.5	40.80	45.00
DCYA1365A-470M-C	47.0	4.2	4.4	78.20	90.00

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~155°C

