



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	13.45±0.35	12.6±0.3	5.0max	R10~R47:4.4±0.3 R56~2R2:3.68±0.3 3R3~330:4.7±0.3	2.3±0.35

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYA1350A-R10M-C	0.10	43.0	80.0	0.33	0.59
DCYA1350A-R22M-C	0.22	48.0	60.0	0.53	0.61
DCYA1350A-R33M-C	0.33	46.0	50.0	0.59	0.69
DCYA1350A-R47M-C	0.47	44.0	50.0	0.70	0.85
DCYA1350A-R56M-C	0.56	29.5	50.0	1.15	1.33
DCYA1350A-R68M-C	0.68	30.0	45.0	1.15	1.33
DCYA1350A-R82M-C	0.82	27.0	36.0	1.40	1.61
DCYA1350A-1R0M-C	1.0	27.0	35.0	1.78	2.05
DCYA1350A-1R5M-C	1.5	19.0	27.0	2.60	3.00
DCYA1350A-1R8M-C	1.8	17.0	26.0	3.25	3.74
DCYA1350A-2R2M-C	2.2	15.0	25.0	4.04	4.65
DCYA1350A-3R3M-C	3.3	12.0	19.0	5.75	9.20
DCYA1350A-4R7M-C	4.7	11.0	18.0	8.15	9.38
DCYA1350A-5R6M-C	5.6	10.0	17.0	11.00	12.70
DCYA1350A-6R0M-C	6.0	9.7	16.0	11.00	12.70
DCYA1350A-6R8M-C	6.8	9.5	15.0	12.10	14.00
DCYA1350A-7R8M-C	7.8	7.6	15.0	15.04	17.30
DCYA1350A-8R2M-C	8.2	7.5	13.0	16.00	18.50
DCYA1350A-100M-C	10.0	7.5	13.0	18.17	20.90
DCYA1350A-120M-C	12.0	7.0	9.0	19.50	23.00
DCYA1350A-150M-C	15.0	6.5	9.5	23.50	27.10
DCYA1350A-220M-C	22.0	5.0	7.0	34.74	40.00
DCYA1350A-330M-C	33.0	4.5	5.2	49.20	58.00

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

