



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	13.3±0.5	12.2±0.3	5.0max	4.0±0.5	2.54±0.3

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYA1350A-R10M-F	0.10	43.0	80.0	0.52	0.59
DCYA1350A-R22M-F	0.22	40.0	44.0	0.63	0.72
DCYA1350A-R33M-F	0.33	35.0	44.0	0.80	0.92
DCYA1350A-R47M-F	0.47	33.0	36.0	0.80	0.92
DCYA1350A-R56M-F	0.56	28.0	36.0	1.15	1.33
DCYA1350A-R68M-F	0.68	27.0	32.0	1.15	1.33
DCYA1350A-R82M-F	0.82	26.0	26.0	1.40	1.61
DCYA1350A-1R0M-F	1.0	22.0	30.0	2.10	2.42
DCYA1350A-1R5M-F	1.5	18.0	22.0	2.75	3.16
DCYA1350A-1R8M-F	1.8	16.0	20.0	4.00	4.60
DCYA1350A-2R2M-F	2.2	15.0	18.0	4.60	5.29
DCYA1350A-3R3M-F	3.3	12.0	16.0	7.70	9.20
DCYA1350A-4R7M-F	4.7	9.3	15.0	11.00	12.70
DCYA1350A-5R6M-F	5.6	8.8	15.0	12.00	13.80
DCYA1350A-6R0M-F	6.0	8.1	12.5	12.50	14.50
DCYA1350A-6R8M-F	6.8	8.3	13.0	13.00	15.00
DCYA1350A-7R8M-F	7.8	7.6	15.0	16.80	19.40
DCYA1350A-8R2M-F	8.2	7.3	13.0	17.50	20.10
DCYA1350A-100M-F	10.0	6.8	13.0	19.00	21.90
DCYA1350A-120M-F	12.0	5.5	9.0	21.00	24.00
DCYA1350A-150M-F	15.0	5.8	11.0	29.00	33.40
DCYA1350A-220M-F	22.0	3.5	6.8	45.00	51.80
DCYA1350A-330M-F	33.0	4.0	7.0	74.50	85.50

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