



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-T	0.10	55.0	118.0	0.52	0.59
DCYA1350A-R22M-T	0.22	51.0	110.0	0.63	0.72
DCYA1350A-R33M-T	0.33	42.0	80.0	0.80	0.92
DCYA1350A-R47M-T	0.47	38.0	65.0	0.80	0.92
DCYA1350A-R56M-T	0.6	36.0	55.0	1.15	1.33
DCYA1350A-R68M-T	0.7	34.0	54.0	1.15	1.33
DCYA1350A-R82M-T	0.8	31.0	53.0	1.40	1.61
DCYA1350A-1R0M-T	1.0	29.0	50.0	2.10	2.42
DCYA1350A-1R5M-T	1.5	23.0	48.0	2.75	3.16
DCYA1350A-1R8M-T	1.8	21.0	40.0	4.00	4.60
DCYA1350A-2R2M-T	2.2	20.0	32.0	4.60	5.29
DCYA1350A-3R3M-T	3.3	15.0	32.0	7.70	9.20
DCYA1350A-4R7M-T	4.7	12.0	27.0	11.00	12.70
DCYA1350A-5R6M-T	5.6	11.5	22.0	12.00	13.80
DCYA1350A-6R8M-T	6.8	11.0	21.0	13.00	15.00
DCYA1350A-7R8M-T	7.8	10.0	18.5	16.80	19.40
DCYA1350A-8R2M-T	8.2	9.5	18.0	17.50	20.10
DCYA1350A-100M-T	10.0	9.0	16.0	19.00	21.90
DCYA1350A-150M-T	15.0	7.7	13.0	29.00	33.40
DCYA1350A-220M-T	22.0	6.2	10.0	45.00	51.80
DCYA1350A-330M-T	33.0	5.2	8.0	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-125°C