



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	10.8±0.4	10.0±0.3	5.0max	2.7±0.3	2.35±0.2

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYA1050A-R68M-C	0.68	24.5	30.0	1.65	1.93
DCYA1050A-R72M-C	0.72	23.0	24.0	1.55	1.71
DCYA1050A-R90M-C	0.90	22.0	23.0	1.74	2.02
DCYA1050A-1R0M-C	1.0	20.0	24.0	2.10	2.40
DCYA1050A-1R2M-C	1.2	21.0	21.0	2.10	2.40
DCYA1050A-1R5M-C	1.5	16.5	20.0	2.90	3.34
DCYA1050A-2R2M-C	2.2	14.5	19.0	3.90	4.49
DCYA1050A-2R8M-C	2.8	12.0	18.0	5.20	6.00
DCYA1050A-3R3M-C	3.3	9.5	16.0	9.23	10.70
DCYA1050A-4R7M-C	4.7	8.5	13.0	11.70	13.50
DCYA1050A-5R6M-C	5.6	8.0	12.0	14.00	16.50
DCYA1050A-6R8M-C	6.8	7.0	10.0	17.10	20.00
DCYA1050A-100M-C	10.0	6.2	7.0	22.00	27.00
DCYA1050A-120M-C	12.0	5.0	8.0	31.20	35.90
DCYA1050A-150M-C	15.0	4.7	7.0	34.70	40.30
DCYA1050A-220M-C	22.0	4.0	6.0	52.30	61.00
DCYA1050A-330M-C	33.0	3.5	3.5	70.00	84.00
DCYA1050A-470M-C	47.0	3.0	3.0	97.60	117.00
DCYA1050A-680M-C	68.0	2.3	4.0	160.00	211.00

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