



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	11.1±0.4	10.0±0.3	5.0max	3.0±0.5	1.8min

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYA1050A-R47M-T	0.47	29.0	32.0	1.04	1.14
DCYA1050A-R68M-T	0.68	27.0	30.0	1.70	1.87
DCYA1050A-R72M-T	0.72	28.0	35.0	1.55	1.71
DCYA1050A-R90M-T	0.90	25.0	35.0	2.30	2.50
DCYA1050A-1R0M-T	1.0	25.0	40.0	2.30	2.50
DCYA1050A-1R2M-T	1.2	25.0	20.0	2.30	2.50
DCYA1050A-1R5M-T	1.5	23.0	30.0	2.70	2.97
DCYA1050A-2R2M-T	2.2	12.0	27.0	3.25	4.20
DCYA1050A-2R8M-T	2.8	12.0	20.0	6.00	6.60
DCYA1050A-3R3M-T	3.3	11.0	14.5	11.00	13.20
DCYA1050A-4R7M-T	4.7	10.0	13.0	13.20	15.00
DCYA1050A-5R6M-T	5.6	8.5	10.5	16.00	18.50
DCYA1050A-6R8M-T	6.8	7.5	9.5	21.50	24.00

Inductance (L0) Test Parameters: 100KHz, 0.25Vrms, 0.0Adc, +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