



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	11.1±0.4	10.0±0.3	4.0max	3.0±0.5	1.8min

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYA1040A-R20M-T	0.20	32.0	45.0	0.63	0.72
DCYA1040A-R36M-T	0.36	30.0	60.0	1.04	1.20
DCYA1040A-R45M-T	0.45	29.0	36.0	1.07	1.23
DCYA1040A-R56M-T	0.56	25.0	33.0	1.56	1.80
DCYA1040A-R90M-T	0.90	22.0	28.0	2.17	2.50
DCYA1040A-1R0M-T	1.0	19.0	28.0	3.00	3.30
DCYA1040A-1R5M-T	1.5	16.0	32.0	3.80	4.20
DCYA1040A-2R2M-T	2.2	13.0	18.0	6.00	7.00
DCYA1040A-3R3M-T	3.3	11.0	16.0	10.80	11.80
DCYA1040A-4R7M-T	4.7	9.0	15.0	17.00	20.00
DCYA1040A-8R2M-T	8.2	8.0	9.0	25.00	27.00
DCYA1040A-100M-T	10.0	7.8	8.5	27.00	30.00
DCYA1040A-220M-T	22.0	5.0	5.5	60.00	66.00

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-125°C