



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	17.15±0.3	17.15max	7.0max	11.8±0.3	2.11±0.3

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYA1770A-1R0M-C	1.0	36.0	50.0	1.24	1.46
DCYA1770A-1R5M-C	1.5	25.0	34.0	1.94	2.24
DCYA1770A-2R2M-C	2.2	24.0	26.0	2.25	2.41
DCYA1770A-3R3M-C	3.3	22.0	25.0	3.00	3.27
DCYA1770A-4R7M-C	4.7	18.0	27.0	4.10	4.72
DCYA1770A-6R8M-C	6.8	14.0	17.0	6.22	7.16
DCYA1770A-8R2M-C	8.2	12.5	18.0	7.96	8.70
DCYA1770A-100M-C	10.0	12.0	15.0	8.94	10.00
DCYA1770A-150M-C	15.0	10.0	12.5	12.60	15.50
DCYA1770A-220M-C	22.0	8.5	9.2	21.04	22.20
DCYA1770A-330M-C	33.0	7.2	8.5	34.75	37.00
DCYA1770A-470M-C	47.0	5.5	6.8	39.86	46.00
DCYA1770A-680M-C	68.0	5.0	6.0	55.45	60.00

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-155°C