



### Dimensions

Code	A	B	C	D	E
Dimensions (mm)	17.20±0.3	16.85±0.3	7.0max	12.0±0.3	2.8±0.3

### Specifications

Characteristic	L0 (μH)	I <sub>rms</sub> (A)	I <sub>sat</sub> (A)	DCR <sub>typ</sub> (mΩ)	DCR <sub>max</sub> (mΩ)
DCYA1770A-1R0M-T	1.0	48.0	73.0	1.24	1.38
DCYA1770A-1R5M-T	1.5	40.0	60.0	1.85	2.15
DCYA1770A-2R2M-T	2.2	34.0	34.0	2.15	2.50
DCYA1770A-4R7M-T	4.7	24.0	24.0	4.12	4.72
DCYA1770A-5R6M-T	5.6	24.0	35.0	5.90	6.80
DCYA1770A-6R8M-T	6.8	20.0	22.0	6.55	7.55
DCYA1770A-8R2M-T	8.2	16.0	20.0	8.10	8.70
DCYA1770A-100M-T	10.0	14.0	18.0	9.30	10.00
DCYA1770A-150M-T	15.0	12.0	13.0	14.50	15.50
DCYA1770A-220M-T	22.0	9.5	11.0	20.50	23.00
DCYA1770A-330M-T	33.0	9.0	10.0	35.10	37.00
DCYA1770A-470M-T	47.0	6.8	7.5	41.00	47.00
DCYA1770A-680M-T	68.0	5.2	6.5	74.00	85.00

Inductance (L0) Test Parameters: 100KHz, 0.25V<sub>rms</sub>, 0.0A<sub>dc</sub>, +25° C

I<sub>rms</sub>: 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