



### Dimensions

Code	A	B	C	D	E
Dimensions (mm)	7.1±0.3	6.6±0.2	3.0max	2.95±0.2	1.6±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)
DCYA0730A-R15M-F	0.15	18.5	36.0	1.50	1.80
DCYA0730A-R22M-F	0.22	17.0	24.0	2.30	2.70
DCYA0730A-R33M-F	0.33	14.0	19.0	3.50	4.00
DCYA0730A-R47M-F	0.47	12.0	17.0	3.70	4.20
DCYA0730A-R56M-F	0.56	10.3	14.0	4.70	5.20
DCYA0730A-R68M-F	0.68	10.0	15.0	5.00	5.50
DCYA0730A-R82M-F	0.82	8.5	14.0	6.70	8.00
DCYA0730A-1R0M-F	1.0	7.9	13.0	9.00	10.00
DCYA0730A-1R2M-F	1.2	7.8	11.0	9.30	10.20
DCYA0730A-1R5M-F	1.5	6.6	11.0	14.00	15.50
DCYA0730A-2R2M-F	2.2	5.7	10.0	18.00	20.00
DCYA0730A-3R3M-F	3.3	4.9	9.0	28.00	30.00
DCYA0730A-4R7M-F	4.7	4.1	8.8	37.00	40.00
DCYA0730A-6R8M-F	6.8	3.5	6.4	54.00	60.00
DCYA0730A-8R2M-F	8.2	3.1	5.6	64.00	68.00
DCYA0730A-100M-F	10.0	3.0	4.4	70.50	77.60
DCYA0730A-150M-F	15.0	2.2	4.0	118.00	127.00
DCYA0730A-220M-F	22.0	2.0	3.4	135.00	149.00
DCYA0730A-330M-F	33.0	1.6	2.3	220.00	242.00

Inductance (L0) Test Parameters: 100KHz, 0.25Vrms, 0.0Adc, +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-155°C

