



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 _{rms} (A)	I _{sat} (A)	DCR _{typ} (m Ω)	DCR _{max} (m Ω)
DCYA0730A-R15M-T	0.15	26.0	62.0	1.30	1.70
DCYA0730A-R22M-T	0.22	24.0	42.0	2.20	2.65
DCYA0730A-R47M-T	0.47	17.5	26.0	3.40	4.00
DCYA0730A-R68M-T	0.68	16.0	25.5	4.80	5.30
DCYA0730A-R82M-T	0.8	14.0	24.0	6.70	7.80
DCYA0730A-1R0M-T	1.0	12.0	23.0	8.00	9.30
DCYA0730A-1R5M-T	1.5	12.0	21.0	11.80	13.60
DCYA0730A-2R2M-T	2.2	9.5	16.0	16.00	18.50
DCYA0730A-3R3M-T	3.3	8.5	13.5	23.80	27.00
DCYA0730A-4R7M-T	4.7	6.0	10.5	35.00	40.00
DCYA0730A-6R8M-T	6.8	5.0	9.5	48.00	52.00
DCYA0730A-8R2M-T	8.2	5.0	8.5	55.00	60.00
DCYA0730A-100M-T	10.0	3.2	8.0	60.00	67.00
DCYA0730A-220M-T	22.0	2.3	5.0	135.30	148.00
DCYA0730A-330M-T	33.0	2.0	4.0	200.00	230.00

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