



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	7.0±0.3	6.6±0.2	3.0max	R22:2.5±0.2 R15, R33~330:2.9±0.2	1.35±0.2

Specifications

Characteristic	LO (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYA0730A-R15M-C	0.15	24.0	30.0	1.03	1.30
DCYA0730A-R22M-C	0.22	18.0	32.0	1.80	2.30
DCYA0730A-R33M-C	0.33	15.0	19.0	2.90	3.50
DCYA0730A-R47M-C	0.47	13.0	17.0	3.70	4.14
DCYA0730A-R56M-C	0.56	13.0	12.0	3.80	4.50
DCYA0730A-R68M-C	0.68	12.0	13.0	4.80	5.50
DCYA0730A-R82M-C	0.82	10.0	14.0	5.70	6.60
DCYA0730A-1R0M-C	1.0	10.0	9.0	6.50	7.80
DCYA0730A-1R2M-C	1.2	9.0	12.0	8.60	9.90
DCYA0730A-1R5M-C	1.5	8.5	10.0	9.50	11.50
DCYA0730A-2R2M-C	2.2	7.0	8.5	12.50	15.50
DCYA0730A-3R3M-C	3.3	5.0	7.5	24.50	28.50
DCYA0730A-4R7M-C	4.7	4.0	6.8	40.30	46.50
DCYA0730A-6R8M-C	6.8	3.6	5.6	54.00	65.00
DCYA0730A-8R2M-C	8.2	3.5	4.8	53.00	64.00
DCYA0730A-100M-C	10.0	3.3	4.4	65.00	75.00
DCYA0730A-150M-C	15.0	2.6	3.6	96.00	110.00
DCYA0730A-220M-C	22.0	2.0	2.9	135.00	149.00
DCYA0730A-330M-C	33.0	1.6	2.3	200.00	242.00

Inductance (LO) Test Parameters: 100KHz, 0.25V_{rms}, 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