



## Dimensions

Code	A	B	C	D	E
Dimensions (mm)	13.45±0.35	12.6±0.3	5.0max	$R10^{\circ}R47$ 4.4±0.3 $R56^{\circ}2R2$ 3.68±0.3 $3R3^{\circ}330$ 4.7±0.3	2.3±0.35

## Specifications

Characteristic	LO (μH)	I <sub>rms</sub> (A)	I <sub>sat</sub> (A)	DCR <sub>typ</sub> (mΩ)	DCR <sub>max</sub> (mΩ)
DCYC1350A-R10M-C	0.1	70	80	0.33	0.59
DCYC1350A-R22M-C	0.22	52	60	0.53	0.61
DCYC1350A-R33M-C	0.33	52	50	0.59	0.69
DCYC1350A-R47M-C	0.47	47.5	50	0.7	0.85
DCYC1350A-R56M-C	0.56	31.5	50	1.15	1.33
DCYC1350A-R68M-C	0.68	37	45	1.15	1.33
DCYC1350A-R82M-C	0.82	29.5	36	1.4	1.61
DCYC1350A-1R0M-C	1	27	35	1.78	2.05
DCYC1350A-1R5M-C	1.5	20.5	27	2.6	3
DCYC1350A-1R8M-C	1.8	18.5	26	3.25	3.74
DCYC1350A-2R2M-C	2.2	16.7	25	4.04	4.65
DCYC1350A-3R3M-C	3.3	15.5	19	5.75	9.2
DCYC1350A-4R7M-C	4.7	12.2	18	8.15	9.38
DCYC1350A-5R6M-C	5.6	10.5	17	11	12.7
DCYC1350A-6R0M-C	6	11	16	11	12.7
DCYC1350A-6R8M-C	6.8	10.5	15	12.1	14
DCYC1350A-7R8M-C	7.8	9.7	15	15.04	17.3
DCYC1350A-8R2M-C	8.2	8.7	13	16	18.5
DCYC1350A-100M-C	10	8.3	13	18.17	20.9
DCYC1350A-120M-C	12	8.3	9	19.5	23
DCYC1350A-150M-C	15	7.5	9.5	23.5	27.1
DCYC1350A-220M-C	22	6	7	34.74	40
DCYC1350A-330M-C	33	4.7	5.2	49.2	58

Inductance (LO) 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