



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	13.3±0.5	12.2±0.3	5.0max	4.0±0.5	2.54±0.3

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYC1350A-R10M-T	0.1	55	118	0.52	0.59
DCYC1350A-R22M-T	0.22	51	110	0.63	0.72
DCYC1350A-R33M-T	0.33	42	80	0.8	0.92
DCYC1350A-R36M-T	0.36	42	50	0.77	0.85
DCYC1350A-R47M-T	0.47	38	65	0.8	0.92
DCYC1350A-R50M-T	0.5	38	48	1.04	1.15
DCYC1350A-R56M-T	0.56	36	55	1.15	1.33
DCYC1350A-R68M-T	0.68	34	54	1.15	1.33
DCYC1350A-R82M-T	0.82	31	53	1.4	1.61
DCYC1350A-1R0M-T	1	29	50	2.1	2.2
DCYC1350A-1R5M-T	1.5	23	48	2.75	3.2
DCYC1350A-1R8M-T	1.8	21	40	4	4.6
DCYC1350A-2R2M-T	2.2	20	32	4.6	5.29
DCYC1350A-3R3M-T	3.3	15	32	7.7	9.2
DCYC1350A-4R7M-T	4.7	13	27	11	12.7
DCYC1350A-5R6M-T	5.6	11.5	22	12	13.8
DCYC1350A-6R8M-T	6.8	12	21	13	15
DCYC1350A-7R8M-T	7.8	10	18.5	16.8	19.4
DCYC1350A-8R2M-T	8.2	9.5	18	17.5	20.1
DCYC1350A-100M-T	10	9	16	19	21.9
DCYC1350A-150M-T	15	8	13	29	30
DCYC1350A-220M-T	22	6.2	10	45	51.8
DCYC1350A-330M-T	33	5.2	8	55	73
DCYC1350A-470M-T	47	3	5	117	130

Inductance (L0) Test Parameters: 100kHz, 0.25V_{rms}, 0.0A_{dc}, +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