



Dimensions

Code	A	B	C	D	E
Dimensions (mm)	22.48±0.30	22.0±0.30	13.0 max	18.54±0.3	5.0±0.38

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYC221CA-R47M-C	0.47	75.5	100.0	0.40	0.50
DCYC221CA-1R0M-C	1.0	58.0	71.0	0.67	0.84
DCYC221CA-2R2M-C	2.2	47.0	48.0	1.05	1.25
DCYC221CA-3R3M-C	3.3	38.5	41.0	1.60	1.77
DCYC221CA-4R7M-C	4.7	37.5	37.0	1.68	1.85
DCYC221CA-6R8M-C	6.8	30.1	36.0	2.50	3.00
DCYC221CA-100M-C	10.0	22.5	32.5	3.70	4.10
DCYC221CA-150M-C	15.0	19.6	24.0	4.92	6.00
DCYC221CA-220M-C	22.0	15.5	16.0	8.10	10.00
DCYC221CA-330M-C	33.0	12.2	16.0	13.20	15.50
DCYC221CA-470M-C	47.0	11.2	15.0	15.20	17.70
DCYC221CA-750M-C	75.0	8.2	10.0	27.60	32.50
DCYC221CA-820M-C	82.0	7.8	9.5	29.90	34.30
DCYC221CA-101M-C	100.0	7.2	8.0	36.00	39.50

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-155°C