



Dimensions

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

Specifications

Characteristic	L0 (μH)	I _{rms} (A)	I _{sat} (A)	DCR _{typ} (mΩ)	DCR _{max} (mΩ)
DCYA221CA-R47M-C	0.47	66.0	100.0	0.40	0.50
DCYA221CA-1R0M-C	1.0	50.0	71.0	0.67	0.84
DCYA221CA-2R2M-C	2.2	42.5	48.0	1.05	1.25
DCYA221CA-3R3M-C	3.3	34.0	41.0	1.60	1.77
DCYA221CA-4R7M-C	4.7	33.0	37.0	1.68	1.85
DCYA221CA-6R8M-C	6.8	26.5	36.0	2.50	3.00
DCYA221CA-100M-C	10.0	20.0	32.5	3.70	4.10
DCYA221CA-150M-C	15.0	17.0	24.0	4.92	6.00
DCYA221CA-220M-C	22.0	13.5	16.0	8.10	10.00
DCYA221CA-330M-C	33.0	11.0	16.0	13.20	15.50
DCYA221CA-470M-C	47.0	10.0	15.0	15.20	17.70
DCYA221CA-750M-C	75.0	7.5	10.0	27.60	32.50
DCYA221CA-820M-C	82.0	7.0	9.5	29.90	34.30
DCYA221CA-101M-C	100.0	6.4	8.0	36.00	39.50

Inductance (L0) Test Parameters: 100KHz, 0.25Vrms, 0.0Ade, +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