



### Dimensions

Code	A	B	C	D	E
Dimensions (mm)	13.2±1.0	12.5±0.5	6.3±0.2	3.8±0.5	2.5±0.3

### Specifications

Characteristic	L0 (μH)	I <sub>rms</sub> (A)	I <sub>sat</sub> (A)	DCR <sub>typ</sub> (mΩ)	DCR <sub>max</sub> (mΩ)
DCYA1365A-R22M-T	0.22	53.0	112.0	0.46	0.60
DCYA1365A-R33M-T	0.33	46.0	68.0	0.58	0.80
DCYA1365A-R47M-T	0.47	38.0	63.0	1.00	1.20
DCYA1365A-1R0M-T	1.0	29.0	49.0	1.70	2.00
DCYA1365A-1R5M-T	1.5	25.0	44.0	2.20	2.50
DCYA1365A-2R2M-T	2.2	20.0	36.0	3.20	3.50
DCYA1365A-3R3M-T	3.3	15.0	40.0	4.30	4.50
DCYA1365A-4R7M-T	4.7	13.5	28.0	6.70	8.40
DCYA1365A-5R6M-T	5.6	12.5	23.0	8.00	10.00
DCYA1365A-6R8M-T	6.8	11.5	18.0	9.50	11.50
DCYA1365A-8R2M-T	8.2	10.5	16.0	11.50	15.50
DCYA1365A-150M-T	15.0	9.0	12.5	22.00	28.00
DCYA1365A-220M-T	22.0	9.0	12.0	31.30	37.00
DCYA1365A-470M-T	47.0	5.5	7.0	75.00	90.00

Inductance (L0) Test Parameters: 100KHz, 0.25Vrms, 0.0A<sub>dc</sub>, +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-125°C