



### Dimensions

Code	A	B	C	D	E
Dimensions (mm)	$5.5 \pm 0.3$	$5.3 \pm 0.3$	3.1max	$4.3 \pm 0.3$	$1.1 \pm 0.2$

### Specifications

Characteristic	L0 ( $\mu\text{H}$ )	I <sub>rms</sub> (A)	I <sub>sat</sub> (A)	DCR <sub>typ</sub> (m $\Omega$ )	DCR <sub>max</sub> (m $\Omega$ )
DCTA0531A-R33M-C	0.33	19.0	23.0	2.80	3.50
DCTA0531A-4R7M-C	4.70	6.0	5.5	22.50	26.50

Inductance (L0) 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