



### Dimensions

Code	A	B	C	D	E
Dimensions (mm)	$8.1 \pm 0.3$	8.0max	5.4max	$3.0 \pm 0.2$	$1.9 \pm 0.15$

### 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 $\Omega$ )
DCHA0854A-1R0M-C	1.0	14.0	15.0	4.0	4.8
DCHA0854A-2R2M-C	2.2	10.5	10.8	7.0	8.5
DCHA0854A-3R3M-C	3.3	9.2	7.2	9.0	10.0
DCHA0854A-4R7M-C	4.7	8.0	8.0	13.0	15.6
DCHA0854A-100M-C	10.0	4.0	6.2	49.0	60.0
DCHA0854A-150M-C	15.0	4.0	4.6	43.0	52.0
DCHA0854A-220M-C	22	3.5	4.0	60.7	70.0
DCHA0854A-330M-C	33	2.7	4.0	103.0	125.0
DCHA0854A-470M-C	47	2.5	2.6	125.0	137.0

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-155°C