



### Dimensions

Code	A	B	C	D	E
Dimensions (mm)	7.5±0.3	7.2±0.3	5.2±0.2	4.5±0.2	1.5±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)
DCTA0754A-2R2M-C	2.2	13.0	15.0	5.4	6.4
DCTA0754A-3R3M-C	3.3	12.5	12.5	8.5	9.7
DCTA0754A-4R7M-C	4.7	9.5	9.5	9.2	10.5
DCTA0754A-5R6M-C	5.6	8.5	9.0	14.1	17.2
DCTA0754A-6R8M-C	6.8	8.0	7.5	16.0	18.0
DCTA0754A-100M-C	10.0	5.0	6.0	22.0	25.0

Inductance (L0) Test Parameters: 100KHz, 0.25V<sub>rms</sub>, 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