



### Dimensions

Code	A	B	C	D	E
Dimensions (mm)	4.1±0.2	4.1±0.2	3.0 max.	3.0±0.3	0.8±0.3

### Specifications

Characteristic	LO (μH)	I <sub>rms</sub> (A)	I <sub>sat</sub> (A)	DCR <sub>typ</sub> (mΩ)	DCR <sub>max</sub> (mΩ)
DCHC0430A-R22M-A	0.22	14.4	14	4.1	4.4
DCHC0430A-R75M-A	0.75	10	8.5	9.1	10.4

Inductance (LO) 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-125°C