

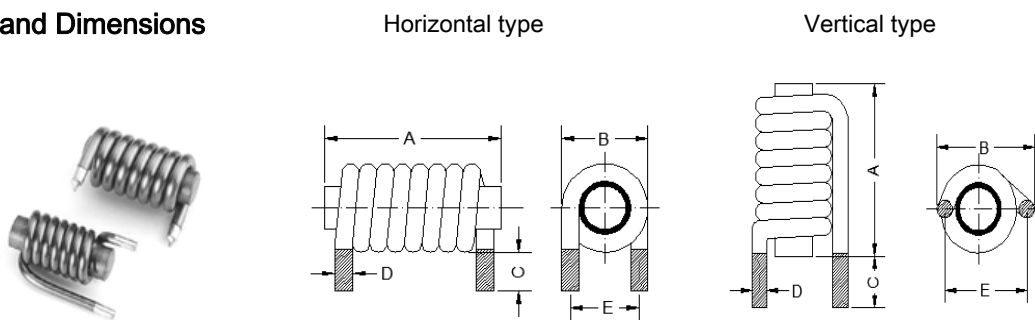
Features

- RC Series is available I 120 standard values. covering a wide range of inductance and current.
- The use of high saturation flux density material makes these coils ideal for use in switching regulated power supply application and wherever high current choke values in a small physical size are needed.

Applications

- Excellent for power line DC-DC conversion applications used in Power Switching, personal computers and electronic equipments

Shapes and Dimensions



Type	A	B	C	D	E
RC0820H	20.0 ± 0.5	13.0 max.	5.0 ± 0.5	1.0~2.5	9.5~12.5
RC0820V	20.0 ± 0.5	15.0 max.	5.0 ± 0.5	1.0~2.5	10.5~15.0

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	I _{rms} (A) max.
RC0820H/V-2R0MB	2.0 ± 20%	1	0.004	20.00
RC0820H/V-5R0MB	5.0 ± 20%	1	0.010	18.00
RC0820H/V-100MB	10.0 ± 20%	1	0.015	12.00
RC0820H/V-150MB	15.0 ± 20%	1	0.020	9.00
RC0820H/V-220MB	22.0 ± 20%	1	0.027	7.00
RC0820H/V-270MB	27.0 ± 20%	1	0.035	5.00

NOTES:

I_{sat}: DC current at which the inductance drops approximately 30% from its value without current.

I_{rms}: DC current that causes the temperature rise (ΔT=40°C) from 20°C ambient