

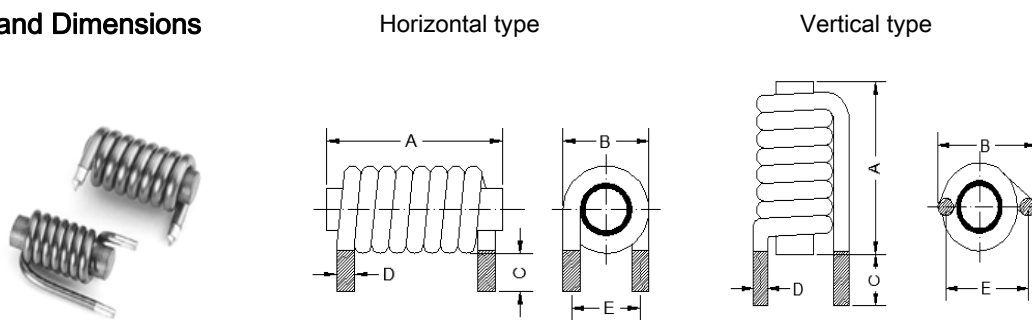
Features

- 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
RC0520H	20.0 ± 0.5	8.5 max.	5.0 ± 0.5	0.5~1.5	6.0~7.0
RC0520V	20.0 ± 0.5	10.5 max.	5.0 ± 0.5	0.5~1.5	6.5~8.0

Electrical Characteristics

Part Number	Inductance (uH)	Measuring Freq. (KHz)	D.C.R (Ω) max.	I _{rms} (A) max.
RC0520H/V-100MB	10.0 ± 20%	1	0.040	2.60
RC0520H/V-120MB	12.0 ± 20%	1	0.050	2.30
RC0520H/V-150MB	15.0 ± 20%	1	0.060	1.90
RC0520H/V-180MB	18.0 ± 20%	1	0.080	1.60
RC0520H/V-220MB	22.0 ± 20%	1	0.100	1.30
RC0520H/V-270MB	27.0 ± 20%	1	0.150	1.00

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