

# High Current Toroid Inductors

## Special Features

- DC/DC converter, EMI filter applications
- Low radiation
- Low core loss
- High current capacity
- Horizontal or vertical mount
- Low cost
- Operating temperature -55 to +105 °C

## Notes

\* Current to cause 30 °C max. temperature rise

\*\* Insert -H or -V for mounting style before -RC

Example: 2113-V-RC

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

2100 Series							
Part Number	L (μH)	I <sub>dc</sub> * (A)	L (μH)	DCR Ω	Dim.	Dim.	Dim.
	±15 % @ 1 KHz		±15 % @ I rated		A	B	C
				Max.	Nom.	Nom.	Nom.
2101-RC	10	10.8	6.3	0.006	0.34	0.77	0.053
2102-RC	12	10.3	7.4	0.007	0.34	0.77	0.053
2103-RC	15	7.7	10.2	0.012	0.33	0.76	0.042
2104-RC	18	7.4	11.9	0.013	0.33	0.76	0.042
2105-RC	22	7.0	14.2	0.015	0.33	0.76	0.042
2106-RC	27	5.3	19.1	0.026	0.32	0.75	0.034
2107-RC	33	5.0	22.8	0.029	0.32	0.75	0.034
2108-RC	39	4.8	26.4	0.032	0.32	0.75	0.034
2109-RC	47	3.6	34.7	0.055	0.31	0.75	0.027
2110-RC	56	3.4	40.6	0.060	0.31	0.75	0.027
2111-RC	68	3.3	48.3	0.067	0.31	0.75	0.027
2112-RC	100	2.4	75.2	0.13	0.31	0.74	0.022
2113-RC	120	2.2	88.5	0.15	0.31	0.74	0.022
2114-RC	150	3.4	84.3	0.062	0.35	0.79	0.034
2115-RC	180	2.6	113.1	0.11	0.34	0.77	0.027
2116-RC	220	2.4	134.4	0.12	0.34	0.77	0.027
2117-RC	270	1.8	181.6	0.21	0.33	0.76	0.022
2118-RC	330	1.7	216.3	0.23	0.33	0.76	0.022
2119-RC	390	1.7	250.1	0.25	0.33	0.76	0.022
2120-RC	470	1.6	293.8	0.28	0.35	0.76	0.022
2121-RC	560	1.5	341.5	0.30	0.35	0.79	0.022
2122-RC	680	1.4	403.2	0.33	0.35	0.79	0.022
2123-RC	820	1.4	472.8	0.37	0.35	0.79	0.022
2124-RC	1000	1.3	559.2	0.40	0.37	0.81	0.022

“-RC” suffix indicates RoHS compliance.

