

# Low Core Loss, High Current Toroid Inductors

## Special Features

- Low core loss
- Low magnetic radiation
- High current capacity
- Horizontal or vertical mount available
- Operating temperature: -55 to +125 °C

## Typical Applications

- Switch mode power supplies
- DC/DC converters
- Output chokes
- EMI filters

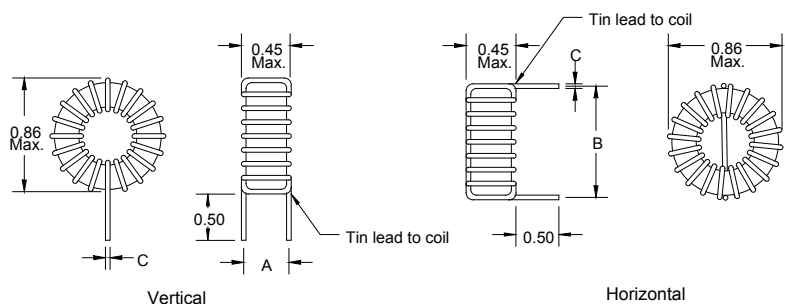
## Notes

\* Rated Idc causes a 30 °C temperature rise  
 \*\* Insert -H or -V for mounting style before -RC  
 Example: 2100LL-100-H-RC

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

2100LL Series							
Part Number **	L (μH) ± 20 % @ 1 KHz	Idc* (A)	L (μH) ± 20 % @ I rated	DCR (Ω) Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2100LL-1R0-RC	1.0	21.4	0.8	0.002	0.37	0.80	0.053
2100LL-1R5-RC	1.5	18.5	1.1	0.003	0.37	0.80	0.053
2100LL-2R2-RC	2.2	16.5	1.5	0.003	0.37	0.80	0.053
2100LL-3R3-RC	3.3	15.1	2.1	0.003	0.37	0.80	0.053
2100LL-4R7-RC	4.7	14.0	2.9	0.003	0.37	0.80	0.053
2100LL-5R6-RC	5.6	13.1	3.3	0.004	0.37	0.80	0.053
2100LL-6R8-RC	6.8	12.3	3.9	0.004	0.37	0.80	0.053
2100LL-8R2-RC	8.2	11.7	4.5	0.005	0.37	0.80	0.053
		± 15 %	± 15 %				
2100LL-100-RC	10	11.4	5.2	0.005	0.37	0.80	0.053
2100LL-120-RC	12	10.9	6.1	0.006	0.37	0.80	0.053
2100LL-150-RC	15	10.5	7.3	0.006	0.37	0.80	0.053
2100LL-180-RC	18	10.1	8.5	0.007	0.37	0.80	0.053
2100LL-220-RC	22	7.5	11.8	0.012	0.35	0.78	0.042
2100LL-270-RC	27	7.3	14.2	0.012	0.35	0.78	0.042
2100LL-330-RC	33	6.9	16.6	0.014	0.35	0.78	0.042
2100LL-390-RC	39	6.6	18.8	0.015	0.35	0.78	0.042
2100LL-470-RC	47	5.2	25.3	0.024	0.33	0.76	0.034
2100LL-560-RC	56	5.0	29.3	0.026	0.33	0.76	0.034
2100LL-680-RC	68	4.7	34.0	0.030	0.40	0.76	0.034
2100LL-820-RC	82	4.6	39.9	0.032	0.40	0.76	0.034
2100LL-101-RC	100	4.3	46.2	0.036	0.40	0.76	0.034
2100LL-121-RC	120	4.1	53.5	0.039	0.40	0.76	0.034
2100LL-151-RC	150	3.9	63.8	0.043	0.40	0.76	0.034
2100LL-181-RC	180	3.7	73.3	0.048	0.40	0.76	0.034
2100LL-221-RC	220	3.5	85.1	0.053	0.40	0.76	0.034
2100LL-271-RC	270	2.7	124.2	0.093	0.37	0.74	0.027
2100LL-331-RC	330	2.5	145.1	0.103	0.37	0.74	0.027
2100LL-391-RC	390	2.4	165.4	0.112	0.37	0.74	0.027
2100LL-471-RC	470	2.3	190.1	0.124	0.38	0.76	0.027
2100LL-561-RC	560	2.2	217.9	0.134	0.38	0.76	0.027
2100LL-681-RC	680	2.1	251.9	0.147	0.38	0.76	0.027
2100LL-821-RC	820	1.6	361.6	0.257	0.37	0.75	0.022
2100LL-102-RC	1000	1.5	421.5	0.284	0.37	0.75	0.022

“-RC” suffix indicates RoHS compliance.



Dimensions: Inches



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