

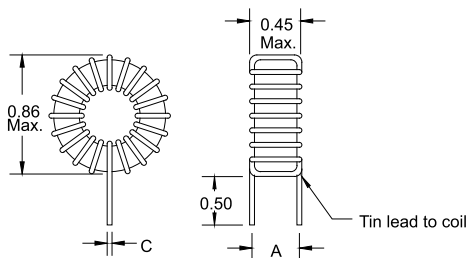
Features

- Low core loss
- High current capacity
- Horizontal or vertical mount
- Low cost
- Operating temperature -55 to +105 °C
- Rated Idc cause 30°C temperature rise.

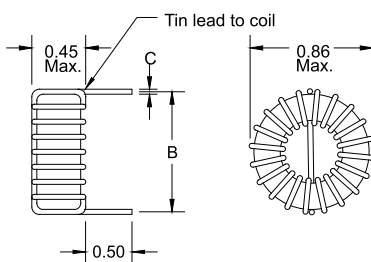
Applications

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

Dimensions (inches)



Vertical



Horizontal

Electrical Characteristics For M2100LL Series

Part Number	L [uH] @1KHz	Idc (A)	L(uH) ±20% @Irated	DCR [Ω] (max)	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
M2100LL-1R0-RC	1.0 ±20%	21.4	0.8	0.002	0.37	0.80	0.053
M2100LL-1R5-RC	1.5 ±20%	18.5	1.1	0.003	0.37	0.80	0.053
M2100LL-2R2-RC	2.2 ±20%	16.5	1.5	0.003	0.37	0.80	0.053
M2100LL-3R3-RC	3.3 ±20%	15.1	2.1	0.003	0.37	0.80	0.053
M2100LL-4R7-RC	4.7 ±20%	14.0	2.9	0.003	0.37	0.80	0.053
M2100LL-5R6-RC	5.6 ±20%	13.1	3.3	0.004	0.37	0.80	0.053
M2100LL-6R8-RC	6.8 ±20%	12.3	3.9	0.004	0.37	0.80	0.053
M2100LL-8R2-RC	8.2 ±20%	11.7	4.5	0.005	0.37	0.80	0.053
M2100LL-100-RC	10 ±20%	11.4	5.2	0.005	0.37	0.80	0.053
M2100LL-120-RC	12 ±15%	10.9	6.1	0.006	0.37	0.80	0.053
M2100LL-150-RC	15 ±15%	10.5	7.3	0.006	0.37	0.80	0.053
M2100LL-180-RC	18 ±15%	10.1	8.5	0.007	0.37	0.80	0.053
M2100LL-220-RC	22 ±15%	7.5	11.8	0.012	0.35	0.78	0.042
M2100LL-270-RC	27 ±15%	7.3	14.2	0.012	0.35	0.78	0.042
M2100LL-330-RC	33 ±15%	6.9	16.6	0.014	0.35	0.78	0.042
M2100LL-390-RC	39 ±15%	6.6	18.8	0.015	0.35	0.78	0.042
M2100LL-470-RC	47 ±15%	5.2	25.3	0.024	0.33	0.76	0.034
M2100LL-560-RC	56 ±15%	5.0	29.3	0.026	0.33	0.76	0.034
M2100LL-680-RC	68 ±15%	4.7	34.0	0.030	0.40	0.76	0.034
M2100LL-820-RC	82 ±15%	4.6	39.9	0.032	0.40	0.76	0.034
M2100LL-101-RC	100 ±15%	4.3	46.2	0.036	0.40	0.76	0.034
M2100LL-121-RC	120 ±15%	4.1	53.5	0.039	0.40	0.76	0.034
M2100LL-151-RC	150 ±15%	3.9	63.8	0.043	0.40	0.76	0.034
M2100LL-181-RC	180 ±15%	3.7	73.3	0.048	0.40	0.76	0.034
M2100LL-221-RC	220 ±15%	3.5	85.1	0.053	0.40	0.76	0.034
M2100LL-271-RC	270 ±15%	2.7	124.2	0.093	0.37	0.74	0.027
M2100LL-331-RC	330 ±15%	2.5	145.1	0.103	0.37	0.74	0.027
M2100LL-391-RC	390 ±15%	2.4	165.4	0.112	0.37	0.74	0.027
M2100LL-471-RC	470 ±15%	2.3	190.1	0.124	0.38	0.76	0.027
M2100LL-561-RC	560 ±15%	2.2	217.9	0.134	0.38	0.76	0.027
M2100LL-681-RC	680 ±15%	2.1	251.9	0.147	0.38	0.76	0.027
M2100LL-821-RC	820 ±15%	1.6	361.6	0.257	0.37	0.75	0.022
M2100LL-102-RC	1000 ±15%	1.5	421.5	0.284	0.37	0.75	0.022

Note: Insert -H or -V for mounting style before -RC
Example: M2100LL-102-V-RC