

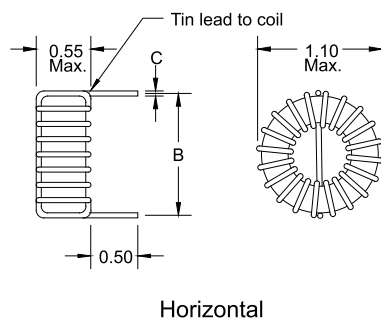
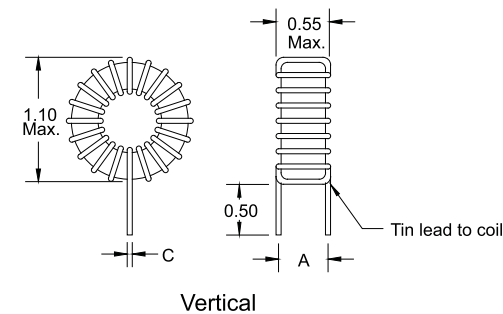
Features

- 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)



Electrical Characteristics For M2200LL Series

Part Number	L [uH] @1KHz	Idc (A)	L(uH) ±20% @Irated	DCR [Ω] (max)	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
M2200LL-1R0-RC	1.0 ±20%	26.1	0.8	0.002	0.47	1.05	0.053
M2200LL-1R8-RC	1.8 ±20%	22.6	1.4	0.002	0.47	1.05	0.053
M2200LL-2R7-RC	2.7 ±20%	20.3	1.9	0.003	0.47	1.05	0.053
M2200LL-3R9-RC	3.9 ±20%	18.5	2.7	0.004	0.47	1.05	0.053
M2200LL-4R7-RC	4.7 ±20%	17.1	3.1	0.004	0.47	1.05	0.053
M2200LL-6R8-RC	6.8 ±20%	16.0	4.4	0.005	0.47	1.05	0.053
M2200LL-8R2-RC	8.2 ±20%	15.1	5.1	0.005	0.47	1.05	0.053
M2200LL-100-RC	10 ±15%	14.3	6.0	0.006	0.47	1.05	0.053
M2200LL-120-RC	12 ±15%	14.2	6.9	0.006	0.47	1.05	0.053
M2200LL-150-RC	15 ±15%	13.6	8.3	0.007	0.47	1.05	0.053
M2200LL-180-RC	18 ±15%	13.1	9.7	0.007	0.47	1.05	0.053
M2200LL-220-RC	22 ±15%	12.6	11.5	0.008	0.47	1.05	0.053
M2200LL-270-RC	27 ±15%	11.8	13.5	0.009	0.47	1.05	0.053
M2200LL-330-RC	33 ±15%	11.1	15.7	0.010	0.47	1.05	0.053
M2200LL-390-RC	39 ±15%	10.8	18.1	0.011	0.47	1.05	0.053
M2200LL-470-RC	47 ±15%	10.3	20.9	0.012	0.47	1.05	0.053
M2200LL-560-RC	56 ±15%	9.8	23.9	0.013	0.47	1.05	0.053
M2200LL-680-RC	68 ±15%	7.6	33.9	0.022	0.45	1.03	0.042
M2200LL-820-RC	82 ±15%	7.1	39.0	0.024	0.45	1.03	0.042
M2200LL-101-RC	100 ±15%	6.8	45.6	0.027	0.45	1.03	0.042
M2200LL-121-RC	120 ±15%	5.1	63.4	0.047	0.43	1.01	0.034
M2200LL-151-RC	150 ±15%	4.9	76.0	0.052	0.43	1.01	0.034
M2200LL-181-RC	180 ±15%	4.7	88.5	0.057	0.43	1.01	0.034
M2200LL-221-RC	220 ±15%	4.4	103.1	0.063	0.43	1.01	0.034
M2200LL-271-RC	270 ±15%	4.2	121.1	0.070	0.43	1.01	0.034
M2200LL-331-RC	330 ±15%	4.0	141.9	0.077	0.43	1.01	0.034
M2200LL-391-RC	390 ±15%	3.8	161.2	0.084	0.43	1.01	0.034
M2200LL-471-RC	470 ±15%	3.7	185.7	0.092	0.43	1.01	0.034
M2200LL-561-RC	560 ±15%	3.5	212.0	0.101	0.43	1.01	0.034
M2200LL-681-RC	680 ±15%	2.7	307.6	0.176	0.47	0.99	0.027
M2200LL-821-RC	820 ±15%	2.5	355.5	0.194	0.47	0.99	0.027
M2200LL-102-RC	1000 ±15%	2.4	412.5	0.216	0.47	0.99	0.027

Note: Insert -H or -V for mounting style before -RC
Example: M2200LL-102-V-RC