

Low Core Loss, High Current Toroid Inductors

2200LL Series

Part Number	L (μH) ± 20% @ 1KHz	Idc (A)	L (μH) ± 20% @ I rated	DCR (Ω) Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2200LL-1R0	1.0	26.1	0.8	0.002	0.47	1.05	0.053
2200LL-1R8	1.8	22.6	1.4	0.002	0.47	1.05	0.053
2200LL-2R7	2.7	20.3	1.9	0.003	0.47	1.05	0.053
2200LL-3R9	3.9	18.5	2.7	0.004	0.47	1.05	0.053
2200LL-4R7	4.7	17.1	3.1	0.004	0.47	1.05	0.053
2200LL-6R8	6.8	16.0	4.4	0.005	0.47	1.05	0.053
2200LL-8R2	8.2	15.1	5.1	0.005	0.47	1.05	0.053
	L (μH) ± 15%		L (μH) ± 15%				
2200LL-100	10	14.3	6.0	0.006	0.47	1.05	0.053
2200LL-120	12	14.2	6.9	0.006	0.47	1.05	0.053
2200LL-150	15	13.6	8.3	0.007	0.47	1.05	0.053
2200LL-180	18	13.1	9.7	0.007	0.47	1.05	0.053
2200LL-220	22	12.6	11.5	0.008	0.47	1.05	0.053
2200LL-270	27	11.8	13.5	0.009	0.47	1.05	0.053
2200LL-330	33	11.1	15.7	0.010	0.47	1.05	0.053
2200LL-390	39	10.8	18.1	0.011	0.47	1.05	0.053
2200LL-470	47	10.3	20.9	0.012	0.47	1.05	0.053
2200LL-560	56	9.8	23.9	0.013	0.47	1.05	0.053
2200LL-680	68	7.6	33.9	0.022	0.45	1.03	0.042
2200LL-820	82	7.1	39.0	0.024	0.45	1.03	0.042
2200LL-101	100	6.8	45.6	0.027	0.45	1.03	0.042
2200LL-121	120	5.1	63.4	0.047	0.43	1.01	0.034
2200LL-151	150	4.9	76.0	0.052	0.43	1.01	0.034
2200LL-181	180	4.7	88.5	0.057	0.43	1.01	0.034
2200LL-221	220	4.4	103.1	0.063	0.43	1.01	0.034
2200LL-271	270	4.2	121.1	0.070	0.43	1.01	0.034
2200LL-331	330	4.0	141.9	0.077	0.43	1.01	0.034
2200LL-391	390	3.8	161.2	0.084	0.43	1.01	0.034
2200LL-471	470	3.7	185.7	0.092	0.43	1.01	0.034
2200LL-561	560	3.5	212.0	0.101	0.43	1.01	0.034
2200LL-681	680	2.7	307.6	0.176	0.47	0.99	0.027
2200LL-821	820	2.5	355.5	0.194	0.47	0.99	0.027
2200LL-102	1000	2.4	412.5	0.216	0.47	0.99	0.027

Special Features:

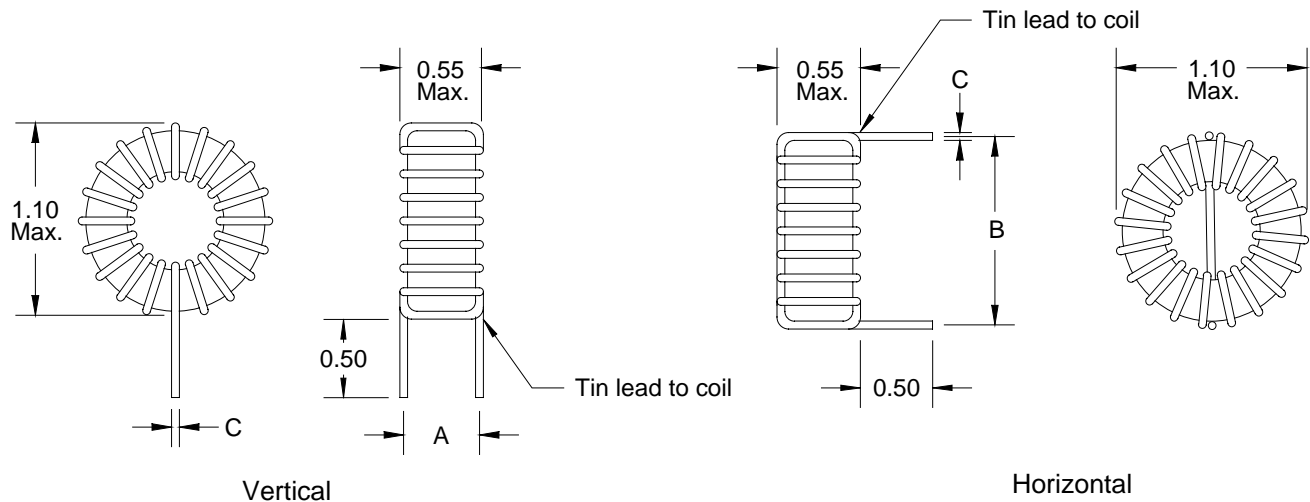
- Low core loss
- Low magnetic radiation
- High current capacity
- Horizontal or vertical mount available
- Operating temperature: -55 to +125°C

Typical Applications:

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

Notes:

1. Rated Idc causes a 30°C temperature rise
2. Add H or V mounting style after P/N



J.W. Miller

M A G N E T I C S

306 E. Alondra Blvd., Gardena, CA 90247-1059 • (310) 515-1720 • FAX (310) 515-1962

www.jwmiller.com