

# High Temperature, High Current Toroid Inductors

## Special Features

- High temperature rating-up to +200°C
- Low magnetic radiation
- High current capacity
- Horizontal or vertical mount available
- Low cost
- Operating temperature: -55 to +200°C

## Typical Applications

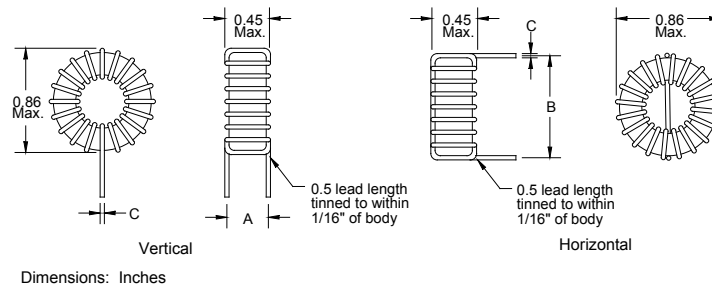
- High operating temperature environments
- DC-DC converters
- Output chokes
- EMI filters

## Notes

- \* Rated I<sub>dc</sub> causes a 50°C temperature rise
- Add H or V mounting style after P/N

2100HT Series							
Part Number	L (μH) ± 15% @ 1KHz	I <sub>dc</sub> * (A)	L (μH) ± 15% @ I rated	DCR (Ω) Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2100HT-1R0	1.0	21.7	0.8	0.003	0.34	0.77	0.053
2100HT-1R5	1.5	19.8	1.2	0.003	0.34	0.77	0.053
2100HT-2R2	2.2	18.3	1.8	0.004	0.34	0.77	0.053
2100HT-2R7	2.7	17.1	2.1	0.004	0.34	0.77	0.053
2100HT-3R3	3.3	16.1	2.6	0.005	0.34	0.77	0.053
2100HT-3R9	3.9	15.3	3.0	0.005	0.34	0.77	0.053
2100HT-4R7	4.7	14.9	3.5	0.006	0.34	0.77	0.053
2100HT-5R6	5.6	14.3	4.1	0.006	0.34	0.77	0.053
2100HT-6R8	6.8	13.7	4.9	0.006	0.34	0.77	0.053
2100HT-8R2	8.2	13.2	5.9	0.007	0.34	0.77	0.053
2100HT-100	10	9.9	7.6	0.012	0.33	0.76	0.042
2100HT-120	12	9.6	9.0	0.013	0.33	0.76	0.042
2100HT-150	15	9.1	11.0	0.014	0.33	0.76	0.042
2100HT-180	18	8.6	13.0	0.016	0.33	0.76	0.042
2100HT-220	22	6.7	16.6	0.026	0.32	0.75	0.034
2100HT-270	27	6.4	20.1	0.028	0.32	0.75	0.034
2100HT-330	33	6.1	24.0	0.031	0.35	0.79	0.034
2100HT-390	39	5.9	28.0	0.033	0.35	0.79	0.034
2100HT-470	47	5.6	33.1	0.036	0.35	0.79	0.034
2100HT-560	56	5.3	38.5	0.040	0.35	0.79	0.034
2100HT-680	68	5.1	46.0	0.044	0.35	0.79	0.034
2100HT-820	82	4.8	54.0	0.049	0.35	0.79	0.034
2100HT-101	100	4.6	64.5	0.053	0.35	0.79	0.034
2100HT-121	120	3.5	84.4	0.094	0.34	0.77	0.027
2100HT-151	150	3.3	102.8	0.11	0.34	0.77	0.027
2100HT-181	180	3.1	120.7	0.12	0.34	0.77	0.027
2100HT-221	220	3.0	144.2	0.13	0.35	0.79	0.027
2100HT-271	270	2.8	172.6	0.14	0.35	0.79	0.027
2100HT-331	330	2.7	206.0	0.16	0.35	0.79	0.027
2100HT-391	390	2.1	266.7	0.27	0.33	0.76	0.022
2100HT-471	470	2.0	314.4	0.29	0.35	0.79	0.022
2100HT-561	560	1.9	366.9	0.32	0.35	0.79	0.022
2100HT-681	680	1.8	435.1	0.35	0.35	0.79	0.022
2100HT-821	820	1.7	512.0	0.39	0.37	0.81	0.022
2100HT-102	1000	1.6	608.2	0.43	0.37	0.81	0.022

Also available as RoHS compliant.



**J.W. Miller**  
MAGNETICS

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