

# 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

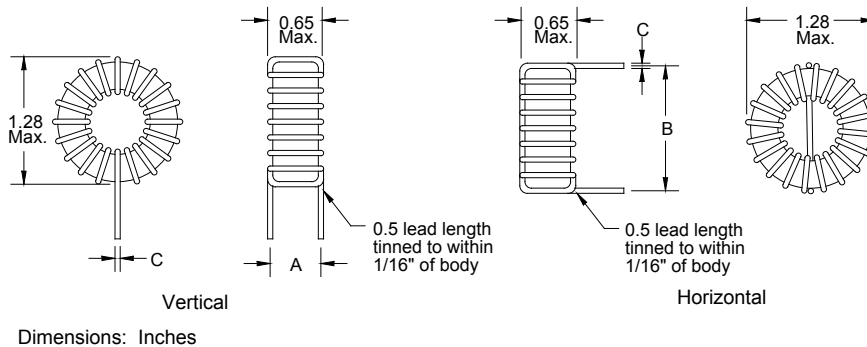
## Notes

\* Rated I<sub>dc</sub> causes a 50°C temperature rise

Add H or V mounting style after P/N

2300HT 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.
2300HT-1R2	1.2	38.7	1.0	0.002	0.56	1.18	0.066
2300HT-1R8	1.8	34.6	1.5	0.003	0.56	1.18	0.066
2300HT-2R7	2.7	31.6	2.2	0.003	0.56	1.18	0.066
2300HT-3R9	3.9	29.2	3.1	0.004	0.56	1.18	0.066
2300HT-4R7	4.7	27.3	3.7	0.004	0.56	1.18	0.066
2300HT-5R6	5.6	25.8	4.3	0.005	0.56	1.18	0.066
2300HT-6R8	6.8	24.5	5.1	0.005	0.56	1.18	0.066
2300HT-8R2	8.2	24.3	6.0	0.005	0.56	1.18	0.066
2300HT-100	10	23.3	7.2	0.006	0.56	1.18	0.066
2300HT-120	12	22.4	8.5	0.006	0.56	1.18	0.066
2300HT-150	15	20.8	10.3	0.007	0.56	1.18	0.066
2300HT-180	18	20.2	12.2	0.007	0.56	1.18	0.066
2300HT-220	22	19.0	14.5	0.008	0.56	1.18	0.066
2300HT-270	27	14.3	19.2	0.014	0.53	1.14	0.053
2300HT-330	33	13.6	23.0	0.015	0.53	1.14	0.053
2300HT-390	39	13.0	26.7	0.017	0.53	1.14	0.053
2300HT-470	47	10.0	34.7	0.028	0.52	1.13	0.042
2300HT-560	56	9.7	40.8	0.030	0.52	1.13	0.042
2300HT-680	68	9.2	48.5	0.034	0.52	1.13	0.042
2300HT-820	82	8.8	57.4	0.037	0.52	1.13	0.042
2300HT-101	100	8.3	68.3	0.041	0.56	1.17	0.042
2300HT-121	120	8.0	80.5	0.045	0.56	1.17	0.042
2300HT-151	150	7.5	97.9	0.050	0.56	1.17	0.042
2300HT-181	180	7.2	114.5	0.055	0.56	1.17	0.042
2300HT-221	220	6.8	136.6	0.061	0.56	1.17	0.042
2300HT-271	270	6.5	163.2	0.067	0.56	1.17	0.042
2300HT-331	330	4.9	218.3	0.10	0.54	1.16	0.037
2300HT-391	390	4.7	252.8	0.13	0.54	1.16	0.037
2300HT-471	470	4.5	297.9	0.14	0.54	1.16	0.037
2300HT-561	560	3.4	389.1	0.24	0.53	1.14	0.027
2300HT-681	680	3.2	461.4	0.27	0.53	1.14	0.027
2300HT-821	820	3.1	545.2	0.30	0.53	1.14	0.027
2300HT-102	1000	2.9	648.2	0.33	0.58	1.17	0.027

Also available as RoHS compliant.



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MAGNETICS

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