



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

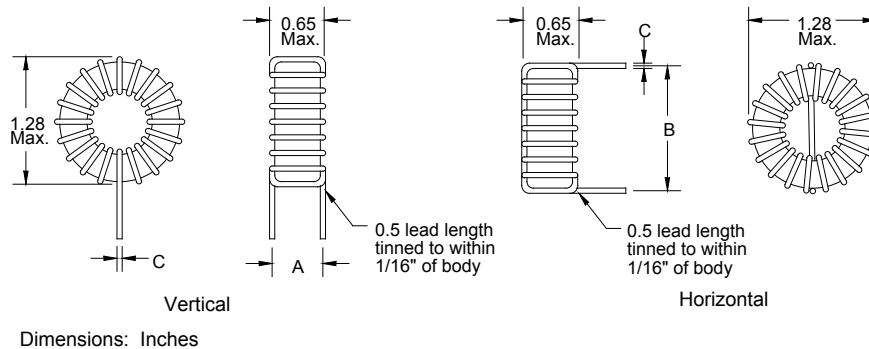
- High operating temperature environments
- DC-DC converters
- Output chokes
- EMI filters

Notes

- * Rated I_{dc} causes a 50°C temperature rise
- Add H or V mounting style after P/N

2300HT Series							
Part Number	L (μH) ± 15% @ 1KHz	I _{dc} * (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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