† RoHS COMPLIANT

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 Idc causes a 50 °C temperature rise

** Insert -H or -V for mounting style before -RC

Example: 2300HT-100-H-RC

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

2300HT Series							
Part Number	L (µH) ± 15 % @ 1 KHz	Idc* (A)	L (µH) ±15 % @ I rated	DCR (Ω) Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2300HT-1R2-RC	1.2	38.7	1.0	0.002	0.56	1.18	0.066
2300HT-1R8-RC	1.8	34.6	1.5	0.003	0.56	1.18	0.066
2300HT-2R7-RC	2.7	31.6	2.2	0.003	0.56	1.18	0.066
2300HT-3R9-RC	3.9	29.2	3.1	0.004	0.56	1.18	0.066
2300HT-4R7-RC	4.7	27.3	3.7	0.004	0.56	1.18	0.066
2300HT-5R6-RC	5.6	25.8	4.3	0.005	0.56	1.18	0.066
2300HT-6R8-RC	6.8	24.5	5.1	0.005	0.56	1.18	0.066
2300HT-8R2-RC	8.2	24.3	6.0	0.005	0.56	1.18	0.066
2300HT-100-RC	10	23.3	7.2	0.006	0.56	1.18	0.066
2300HT-120-RC	12	22.4	8.5	0.006	0.56	1.18	0.066
2300HT-150-RC	15	20.8	10.3	0.007	0.56	1.18	0.066
2300HT-180-RC	18	20.2	12.2	0.007	0.56	1.18	0.066
2300HT-220-RC	22	19.0	14.5	0.008	0.56	1.18	0.066
2300HT-270-RC	27	14.3	19.2	0.014	0.53	1.14	0.053
2300HT-330-RC	33	13.6	23.0	0.015	0.53	1.14	0.053
2300HT-390-RC	39	13.0	26.7	0.017	0.53	1.14	0.053
2300HT-470-RC	47	10.0	34.7	0.028	0.52	1.13	0.042
2300HT-560-RC	56	9.7	40.8	0.030	0.52	1.13	0.042
2300HT-680-RC	68	9.2	48.5	0.034	0.52	1.13	0.042
2300HT-750-RC	75	9.0	52.6	0.036	0.52	1.13	0.042
2300HT-820-RC	82	8.8	57.4	0.037	0.52	1.13	0.042
2300HT-101-RC	100	8.3	68.3	0.041	0.56	1.17	0.042
2300HT-121-RC	120	8.0	80.5	0.045	0.56	1.17	0.042
2300HT-151-RC	150	7.5	97.9	0.050	0.56	1.17	0.042
2300HT-181-RC	180	7.2	114.5	0.055	0.56	1.17	0.042
2300HT-221-RC	220	6.8	136.6	0.061	0.56	1.17	0.042
2300HT-271-RC	270	6.5	163.2	0.067	0.56	1.17	0.042
2300HT-331-RC	330	4.9	218.3	0.10	0.54	1.16	0.037
2300HT-391-RC	390	4.7	252.8	0.13	0.54	1.16	0.037
2300HT-471-RC	470	4.5	297.9	0.14	0.54	1.16	0.037
2300HT-561-RC	560	3.4	389.1	0.24	0.53	1.14	0.027
2300HT-681-RC	680	3.2	461.4	0.27	0.53	1.14	0.027
2300HT-821-RC	820	3.1	545.2	0.30	0.53	1.14	0.027
2300HT-102-RC	1000	2.9	648.2	0.33	0.58	1.17	0.027

"-RC" suffix indicates RoHS compliance.

