† 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 and -V for mounting style before -RC

Example: 2200HT-390-H-RC

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

2200HT 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.
2200HT-1R2-RC	1.2	23.8	1.0	0.003	0.46	0.88	0.053
2200HT-1R8-RC	1.8	21.8	1.5	0.004	0.46	0.88	0.053
2200HT-2R2-RC	2.2	20.1	1.8	0.005	0.46	0.88	0.053
2200HT-3R3-RC	3.3	18.8	2.7	0.005	0.46	0.88	0.053
2200HT-3R9-RC	3.9	17.8	3.1	0.006	0.46	0.88	0.053
2200HT-4R7-RC	4.7	16.9	3.7	0.006	0.46	0.88	0.053
2200HT-5R6-RC	5.6	16.1	4.4	0.007	0.46	0.88	0.053
2200HT-6R8-RC	6.8	15.7	5.2	0.007	0.46	0.88	0.053
2200HT-8R2-RC	8.2	15.1	6.2	0.008	0.46	0.88	0.053
2200HT-100-RC	10	11.2	7.9	0.014	0.46	0.88	0.053
2200HT-120-RC	12	10.9	9.4	0.015	0.46	0.88	0.053
2200HT-150-RC	15	10.3	11.5	0.017	0.46	0.88	0.053
2200HT-180-RC	18	9.7	13.6	0.018	0.46	0.88	0.053
2200HT-220-RC	22	9.3	16.3	0.020	0.45	0.87	0.042
2200HT-270-RC	27	8.9	19.7	0.022	0.45	0.87	0.042
2200HT-330-RC	33	8.4	23.5	0.025	0.45	0.87	0.042
2200HT-390-RC	39	8.1	27.4	0.026	0.45	0.87	0.042
2200HT-470-RC	47	6.4	34.9	0.042	0.44	0.86	0.034
2200HT-560-RC	56	6.1	40.9	0.046	0.44	0.86	0.034
2200HT-680-RC	68	5.8	48.8	0.050	0.44	0.86	0.034
2200HT-820-RC	82	5.6	57.6	0.055	0.48	0.90	0.034
2200HT-101-RC	100	5.3	68.9	0.061	0.48	0.90	0.034
2200HT-121-RC	120	5.0	80.8	0.067	0.48	0.90	0.034
2200HT-151-RC	150	4.8	98.4	0.075	0.48	0.90	0.034
2200HT-181-RC	180	4.6	115.6	0.082	0.48	0.90	0.034
2200HT-221-RC	220	4.3	137.5	0.091	0.48	0.90	0.034
2200HT-271-RC	270	3.3	184.8	0.16	0.46	0.88	0.027
2200HT-331-RC	330	3.1	220.7	0.18	0.46	0.88	0.027
2200HT-391-RC	390	3.0	255.2	0.19	0.46	0.88	0.027
2200HT-471-RC	470	2.8	300.5	0.21	0.49	0.91	0.027
2200HT-561-RC	560	2.7	350.3	0.23	0.49	0.91	0.027
2200HT-681-RC	680	2.6	414.8	0.27	0.49	0.91	0.027
2200HT-821-RC	820	2.0	548.5	0.44	0.49	0.91	0.022
2200HT-102-RC	1000	1.9	653.1	0.49	0.49	0.91	0.022

"-RC" suffix indicates RoHS compliance.

