

Fixed Inductors for Power Inductors / THT TYPE

FEATURES

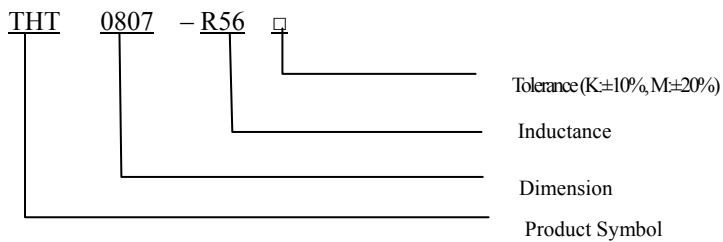
- ◆ Ultra low buzz noise, due to composite construction.
- ◆ The High current (Isat up to 28A) though hole type.
- ◆ Magnetically shielded, suitable for high density mounting.
- ◆ High energy storage and low DCR.
- ◆ Material: Iron Core / Ni-Zn Core (N)



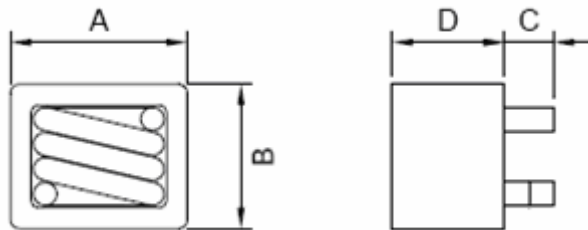
APPLICATIONS

Excellent for power line DC-DC conversion applications used in power switching, personal computers and other handheld electronic equipment..

ORDERING CODE



SHAPES



DIMENSIONS (UNIT: mm)

Part No.	A(Max)	B(Max)	C±0.5	D(Max)
THT 0807	9.3	8.5	3.5	7.5
THT 1009	10.5	10.5	3.5	9.5
THT 1109	11.8	11.8	3.5	9.5
THT 1309	13.2	9.4	3.5	10.0
THT 1310	13.2	12.2	3.5	10.5
THT 0807N	9.0	8.2	3.5	7.5
THT 1009N	10.5	10.5	3.5	9.5
THT 1110N	11.8	11.8	3.5	10.5
THT 1210N	12.5	11.5	3.5	10.5
THT 1310N	13.0	12.5	3.5	10.5



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ELECTRICAL CHARACTERISTICS FOR THT

Part No.	Inductance (uH)	RDC (mΩ)	IDC (A) MAX	Part No.	Inductance (uH)	RDC (mΩ)	IDC (A) MAX
THT0807-R56M	0.56	1.9±10%	28	THT1309-R60M	0.60	1.3 (MAX)	60
THT0807-R82M	0.82	2.9±10%	23	THT1309-R68M	0.68	1.3 (MAX)	55
THT0807-1R2M	1.20	4.3±10%	21	THT1309-R80M	0.80	1.3 (MAX)	50
THT1009-R50M	0.50	1.5±10%	40	THT1309-1R0M	1.00	2.5 (MAX)	45
THT1009-1R0M	1.00	2.5±10%	40	THT1309-1R2M	1.20	2.5 (MAX)	40
THT1009-1R2M	1.20	2.5±10%	38	THT1310-R30M	0.30	1.0±10%	50
THT1009-1R5M	1.50	3.0±10%	30	THT1310-R40M	0.40	1.1±10%	48
THT1009-2R0M	2.00	4.0±10%	30	THT1310-R47M	0.47	1.2±10%	46
THT1109-R47M	0.47	0.8±10%	50	THT1310-R56M	0.56	1.3±10%	45
THT1109-R60M	0.60	0.8±10%	50	THT1310-R68M	0.68	1.5±10%	43
THT1109-R80M	0.80	1.3±10%	45	THT1310-R80M	0.80	1.7±10%	42
THT1109-1R0M	1.00	1.3±10%	35	THT1310-1R0M	1.00	2.1±10%	38
THT1109-1R5M	1.50	1.8±10%	25	THT1310-1R5M	1.50	2.2±10%	30
THT1109-2R0M	2.00	3.3±10%	30	THT1310-2R2M	2.20	3.5±10%	24
THT1109-3R3M	3.30	6.3±10%	25	THT1310-3R3M	3.30	6.0±10%	18
THT1309-R36M	0.36	0.7 (MAX)	70	THT1310-4R7M	4.70	8.8±10%	15
THT1309-R50M	0.50	0.7 (MAX)	65				

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Part No.	Inductance (uH)	RDC (mΩ) MAX	IDC (A) MAX	Part No.	Inductance (uH)	RDC (mΩ) MAX	IDC (A) MAX
THT0807N-R47M	0.47	3.20	32	THT1110N-3R3M	3.30	3.50	12
THT0807N-R56M	0.56	3.20	28	THT1110N-4R7M	4.70	5.00	10
THT0807N-R82M	0.80	5.00	23	THT1210N-R30M	0.30	0.90	50
THT0807N-1R0M	1.00	6.50	18	THT1210N-R40M	0.40	1.00	46
THT0807N-4R7M	4.70	28.00	5	THT1210N-R47M	0.47	1.10	44
THT1009N-R30M	0.30	0.85	29	THT1210N-R56M	0.56	1.20	42
THT1009N-R40M	0.40	0.90	25	THT1210N-R68M	0.68	1.30	40
THT1009N-R47M	0.47	1.00	23	THT1210N-R80M	0.80	1.50	37
THT1009N-R56M	0.56	1.20	22	THT1210N-1R0M	1.00	1.70	35
THT1009N-R68M	0.68	1.30	20	THT1210N-1R5M	1.50	1.80	20
THT1109N-R80M	0.80	1.40	14	THT1210N-2R2M	2.20	2.80	17
THT1109N-1R0M	1.00	2.00	12	THT1210N-3R3M	3.30	3.80	15
THT1109N-1R5M	1.50	3.30	10	THT1210N-4R7M	4.70	5.50	12
THT1109N-2R2M	2.20	3.40	8	THT1310N-R30M	0.30	1.10	58
THT1109N-3R3M	3.30	5.60	6	THT1310N-R40M	0.40	1.25	56
THT1109N-4R7M	4.70	10.30	4	THT1310N-R47M	0.47	1.30	54
THT1110N-R30M	0.30	0.80	50	THT1310N-R56M	0.56	1.40	50
THT1110N-R40M	0.40	0.90	46	THT1310N-R68M	0.68	1.50	44
THT1110N-R47M	0.47	1.00	42	THT1310N-R80M	0.80	1.60	40
THT1110N-R56M	0.56	1.10	40	THT1310N-1R0M	1.00	1.70	30
THT1110N-R68M	0.68	1.20	36	THT1310N-1R5M	1.50	1.80	20
THT1110N-R80M	0.80	1.30	34	THT1310N-2R2M	2.20	2.50	18
THT1110N-1R0M	1.00	1.50	32	THT1310N-3R3M	3.30	3.40	12
THT1110N-1R5M	1.50	1.80	18	THT1310N-4R7M	4.70	4.50	10
THT1110N-2R2M	2.20	2.20	14				



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