

FIXED INDUCTORS FOR POWER INDUCTORS / THT TYPE

FEATURES

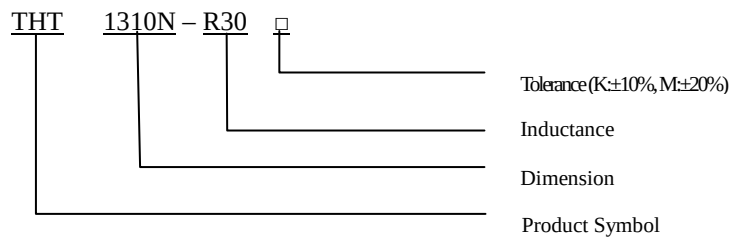
- ◆ Ultra low buzz noise, due to composite construction.
- ◆ The High current (I_{sat} up to 28A) through hole type.
- ◆ Magnetically shielded, suitable for high density mounting.
- ◆ High energy storage and low DCR.
- ◆ Material: Iron Core / Ni-Zn Core (N)



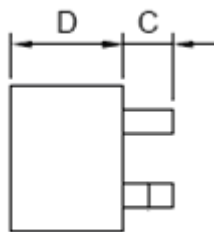
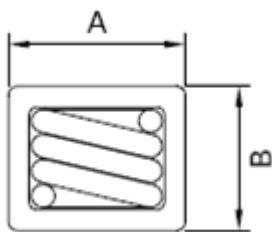
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	13.0 (MAX)	m/m
B	12.5 (MAX)	m/m
C	3.5 ± 0.5	m/m
D	10.5 (MAX)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR THT1310N

Part No.	Inductance (uH)	RDC (mΩ)	IDC (A) MAX
THT1310N-R30M	0.30	1.10	58
THT1310N-R40M	0.40	1.25	56
THT1310N-R47M	0.47	1.30	54
THT1310N-R56M	0.56	1.40	50
THT1310N-R68M	0.68	1.50	44
THT1310N-R80M	0.80	1.60	40
THT1310N-1R0M	1.00	1.70	30
THT1310N-1R5M	1.50	1.80	20
THT1310N-2R2M	2.20	2.50	18
THT1310N-3R3M	3.30	3.40	12
THT1310N-4R7M	4.70	4.50	10

* Test Frequency : 1KHZ/0.25V



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