

FIXED INDUCTORS FOR POWER INDUCTORS / THT TYPE

FEATURES

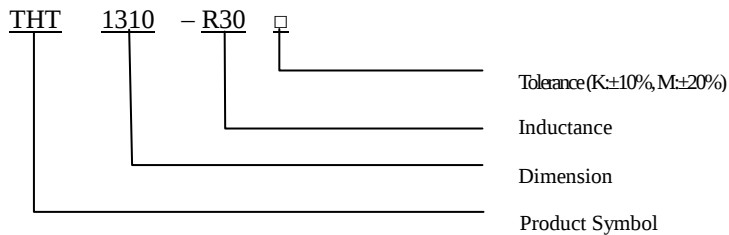
- ◆ Ultra low buzz noise, due to composite construction.
- ◆ The High current (I_{sat} up to 28A) through hole type.
- ◆ Magnetically shielded, suitable for high density mounting.
- ◆ High energy storage and low DCR.
- ◆ Material: Iron Core / Ni-Zn Core (N)



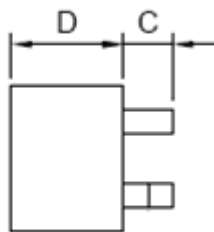
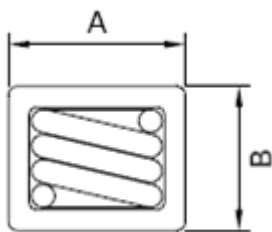
APPLICATIONS

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	13.2 (MAX)	m/m
B	12.2 (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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FIXED INDUCOTRS FOR POWER INDUCTORS / THT TYPE

ELECTRICAL CHARACTERISTICS FOR THT1310

Part No.	Inductance (uH)	RDC (mΩ)	IDC (A) MAX
THT1310-R30M	0.30	1.0±10%	50
THT1310-R40M	0.40	1.1±10%	48
THT1310-R47M	0.47	1.2±10%	46
THT1310-R56M	0.56	1.3±10%	45
THT1310-R68M	0.68	1.5±10%	43
THT1310-R80M	0.80	1.7±10%	42
THT1310-1R0M	1.00	2.1±10%	38
THT1310-1R5M	1.50	2.2±10%	30
THT1310-2R2M	2.20	3.5±10%	24
THT1310-3R3M	3.30	6.0±10%	18
THT1310-4R7M	4.70	8.8±10%	15

* Test Frequency : 1KHZ/0.25V



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