

FIXED INDUCTORS FOR POWER INDUCTORS / THT TYPE

FEATURES

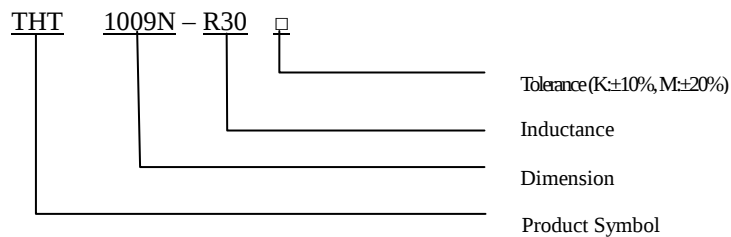
- ◆ Ultra low buzz noise, due to composite construction.
- ◆ The High current (I_{sat} up to 28A) through hole type.
- ◆ Magnetically shielded, suitable for high density mounting.
- ◆ High energy storage and low DCR.
- ◆ Material: Iron Core / Ni-Zn Core (N)



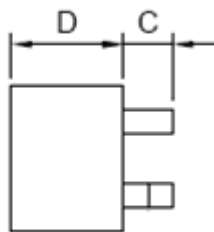
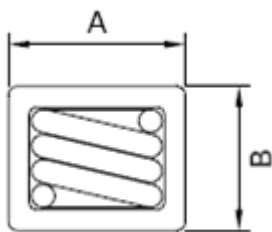
APPLICATIONS

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	10.5 (MAX)	m/m
B	10.5 (MAX)	m/m
C	3.5 ± 0.5	m/m
D	9.5 (MAX)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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FIXED INDUCOTRS FOR POWER INDUCTORS / THT TYPE

ELECTRICAL CHARACTERISTICS FOR THT1009N

Part No.	Inductance (uH)	RDC (mΩ)	IDC (A) MAX
THT1009N-R30M	0.30	0.85	29
THT1009N-R40M	0.40	0.90	25
THT1009N-R47M	0.47	1.00	23
THT1009N-R56M	0.56	1.20	22
THT1009N-R68M	0.68	1.30	20

* Test Frequency : 1KHZ/0.25V



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