

Inductor Toroidal



Specifications:

Inductance	: 300 μ H
Inductance Tolerance	: \pm 20%
DC Resistance Max	: 0.17 Ω
DC Current Rating	: 6A
Inductor Case Style	: Radial Leaded
No. of Pins	: 4
External Depth	: 17mm
External Length / Height	: 35mm
External Width	: 28mm
Resonant Frequency	: 10kHz
Series	: MCAP

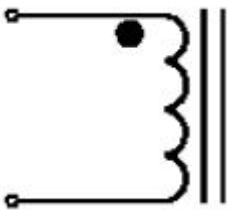
Electrical Characteristics

10KHz / 0.25V	(L) Inductance	300 μ H \pm 20%
T _A = 25°C	(DCR) DC Resistance	170m Ω (Max.)

Material List

No	Item	Material Description
1	Core	T90-75-TAF200 (Red/White)
2	Wire	\varnothing 0.80mm UEFN/U (155°C)
3	Solder (Lead Free)	Sn99.3%/Cu0.7%
4	Base	BS1009
5	Glue	TH100A/TH100B

Schematic Diagram



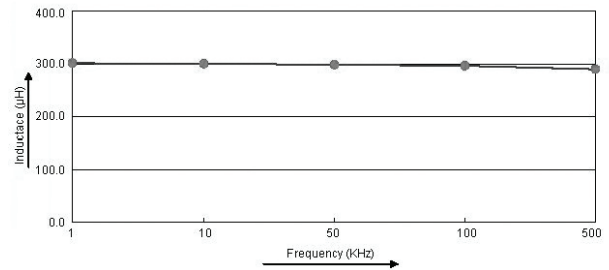
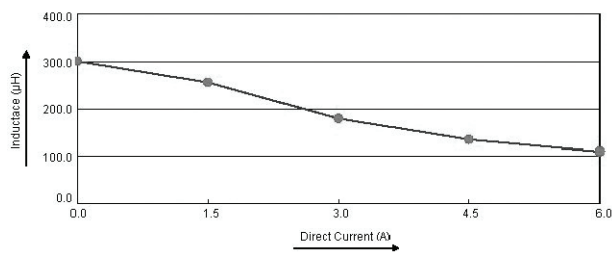
Note:

- (1) Wire UEFN/U (155°C) \varnothing 0.8mm
- (2) 67TS (Reference) C.W

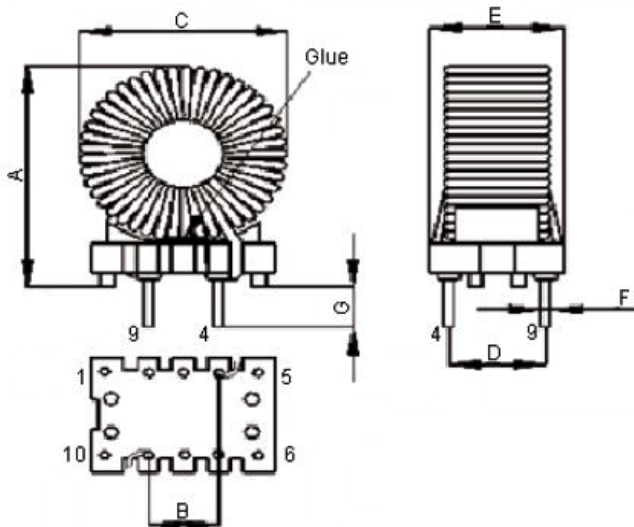
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Electric Characteristics:



Configurations and Dimensions



A	15.8mm	(Max.)
B	11mm	(Max.)
C	3 ±0.5mm	-
E1	7.7 ±0.5mm	-
E2	5 ±0.5mm	-
F	∅0.6 ±0.1mm	-
G	23mm	(Max.)

Dimensions : Millimetres

Note : Pull out of the PIN 1, 2, 3, 5, 6, 7, 8, 10

Part Number Table

Description	Part Number
Inductor, Toroidal, 300UH, 20%	MCAPB109020067A-301MU

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