



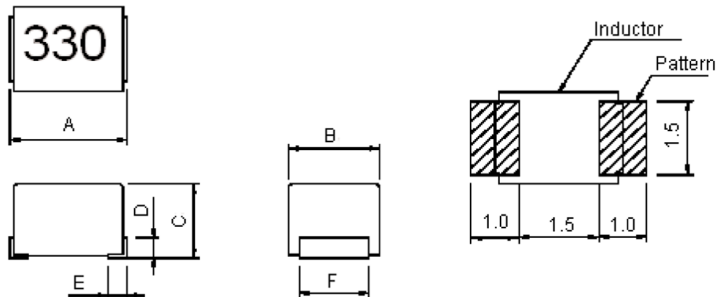
## Features:

- Resistant to mechanical shocks and pressures.
- Accurate dimensions for automatically surface mounted.
- This series is low resistance and high current, suitable for power line applications.
- VCRs, video cameras, automobile audio systems, computer products and peripherals,
- LCD TV, portable devices.
- T and R Quantity: 2,000 pieces, 7 inches reel.

## Electrical Characteristics of MCNL252016B2 Series

OCL ( $\mu$ H)	Q (Min.)	Test Frequency (MHz)	SRF (MHz) (Min.)	RDC ( $\Omega$ ) (Max.)	(mA) (Max.)
0.047 $\pm$ 5%	20	100	1,200	0.5	360
47 $\pm$ 5%		2.52	12	11.1	80
100 $\pm$ 5%	15	0.796	8	21	60

## Mechanical Dimensions



Dimensions : Millimetres

Type	MCNL252016B2 Series
A	2.5 $\pm$ 0.3mm
B	2 $\pm$ 0.2mm
C	1.8 $\pm$ 0.2mm
D	0.4mm
E	0.4 $\pm$ 0.2mm
F	1.4 $\pm$ 0.1mm

## Part Number Table

Description	Part Number
Inductor, 0.047 $\mu$ H, 10%, SMD	MCNL252016B2-R047K
Inductor, 47 $\mu$ H, 10%, SMD	MCNL252016B2-470K
Inductor, 100 $\mu$ H, 10%, SMD	MCNL252016B2-101K

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