



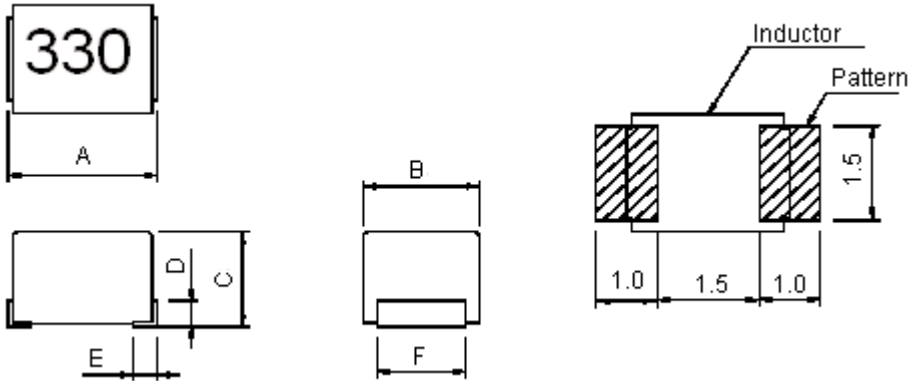
PART NO.

MCNL252016B2 - Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	ASH	20/4/11	SHA	20/4/11		04/5/11

Mechanical Dimensions



Dimensions : Millimetres



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.

Type	MCNL252016B2
A	2.5 ±0.3 mm
B	2 ±0.2 mm
C	1.8 ±0.2 mm
D	0.4 mm
E	0.4 ±0.2 mm
F	1.4 ±0.1 mm

Electrical Characteristics of MCNL252016B2 Series

OCL (µH)	Q (Min.)	Test Frequency (MHz)	SRF (MHz) (Min.)	RDC (Ω) (Max.)	IDC (mA) (Max.)
0.047 ±5%	20	100	1,200	0.5	360
47 ±5%		2.52	12	11.1	80
100 ±5%	15	0.796	8	21	60

Part Number Table

Description	Part Number
Inductor, 0.047µH, 10%, SMD	MCNL252016B2-R047K
Inductor, 47µH, 10%, SMD	MCNL252016B2-470K
Inductor, 100µH, 10%, SMD	MCNL252016B2-101K

<http://www.element14.com>

<http://www.farnell.com>

<http://www.newark.com>

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DRAWN BY:	DATE:
ASH	20/04/11
CHECKED BY:	DATE:
SHA	20/04/11
APPROVED BY:	DATE:
	04/05/11

DRAWING TITLE:

Inductors

SIZE A	DWG NO. M10003444	ELECTRONIC FILE MCNL252016B2	REV A
SCALE: NTS		U.O.M.: mm	SHEET: 1 OF 1