



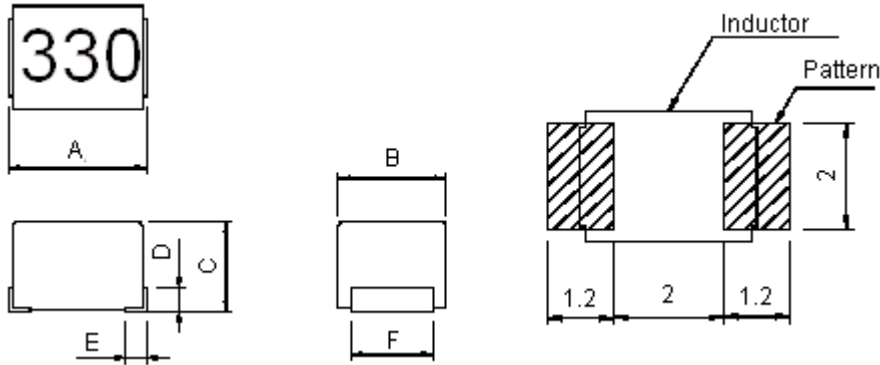
PART NO.

MCNL322522B2 - 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	MCNL322522B2	
A	3.2 ±0.3 mm	-
B	2.5 ±0.2 mm	-
C	2.2 ±0.2 mm	-
D	0.2 mm	(Min.)
E	0.4 ±0.2 mm	-
F	1.9 ±0.1 mm	-

Electrical Characteristics of MCNL322522B2 Series

OCL (µH)	Q (Min.)	Test Frequency (MHz)	SRF (MHz) (Min.)	RDC (Ω) (Max.)	IDC (mA) (Max.)
0.1 ±5%	28	100	700	0.44	450
1.5 ±5%	30	7.96	85	0.85	370
3.3 ±5%			60	1.2	260
4.7 ±5%			50	1.5	220
15 ±5%	30	2.52	20	2.8	130
22 ±5%			3.7	110	
47 ±5%			15	7	60
68 ±5%			12	9	50

Part Number Table

Description	Part Number
Inductor, 0.1µH, 10%, SMD	MCNL322522B2-R10K
Inductor, 1.5µH, 370mA, 10%	MCNL322522B2-1R5K
Inductor, 3.3µH, 260mA, 10%	MCNL322522B2-3R3K
Inductor, 4.7µH, 220mA, 10%	MCNL322522B2-4R7K
Inductor, 15µH, 130mA, 10%	MCNL322522B2-150K
Inductor, 22µH, 110mA, 10%	MCNL322522B2-220K
Inductor, 47µH, 60mA, 10%	MCNL322522B2-470K
Inductor, 68µH, 50mA, 10%	MCNL322522B2-680K

<http://www.element14.com>

<http://www.farnell.com>

<http://www.newark.com>

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TOLERANCES:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:

ASH

CHECKED BY:

SHA

APPROVED BY:

DATE:

20/04/11

DATE:

20/04/11

DATE:

04/05/11

DRAWING TITLE:

Inductors

SIZE
A

DWG NO.

M10002592

ELECTRONIC FILE
MCNL322522B2

REV
A

SCALE: NTS

U.O.M.: mm

SHEET: 1 OF 1