



Technical Specification

Features

Closed magnetic circuit structure allows high density mounting on a PCB board, mounting while preventing crosswalk.

Extremely high reliability due to entirely monolithic construction.

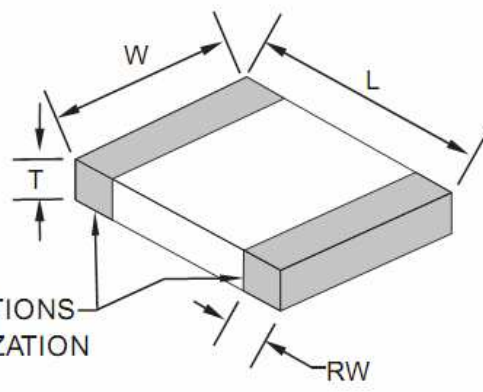
Low DC resistance structure of electronic to prevent wasteful electric power consumption.

High current application rating up to 6A look at size.

Applications

Power Lines / Signal Lines

Dimensions



TERMINATIONS
(METALLIZATION
BANDS)

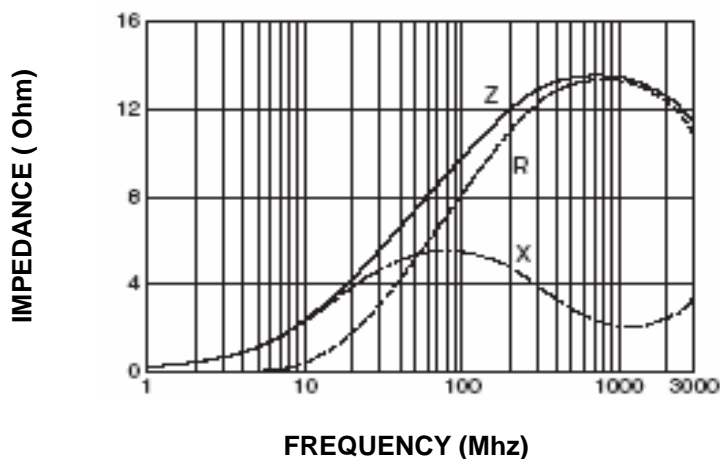
Chip Dimensions

L (mm)	W (mm)	T (mm)	RW (mm)
1,00 +/-0,05	0,5 +/-0,05	0,5 +/-0,05	0,25 +/-0,1

Test conditions

Specifications	Test Conditions		Value	Unit	Tol.
Impedance	100Mhz	Z	10	Ω	+/- 25%
Max. Impedance		Z		Ω	typ.
DC-Resistance		R _{DC}	0,015	Ω	max.
Rated Current		I _{DC}	1740	mA	max.

Typical Impedance v.s. Frequency Curve:



Circuit



Ferrit Chip Bead Size 0402

Serie No.: **G12016**

Customer:

DRW:	Johnny	CHKD	Carlo	MATL:	Wor	DATE	12.01.2013
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P.C.B. Layout Dimension

	(mm)
A	0,30 ~ 0,51
B	1,02 ~ 1,42
C	0,46 ~ 0,61



Soldering Profile

Soldering Profile for Lead Soldering



Soldering Profile for Lead Free Soldering



Ordering Information

Serie	Impedance	Tolerance	Current	Special	ROHS	Packing
G12016	100	N	172	X	R	TR
	100= 10 Ohm	N= Tolerance 25%	172= 1,74A	X= No special function	R= ROHS conform N=NON ROHS conform	BU= Bulk Ware TR= Tape/Reel

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