



**Technical Specification**

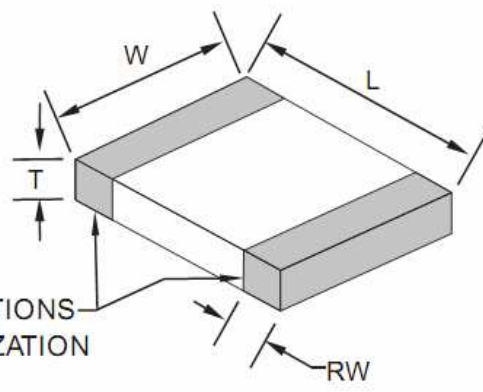
**Features**

- 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 look at range.

**Applications**

for high speed signal lines

**Dimensions**



TERMINATIONS  
(METALLIZATION  
BANDS)

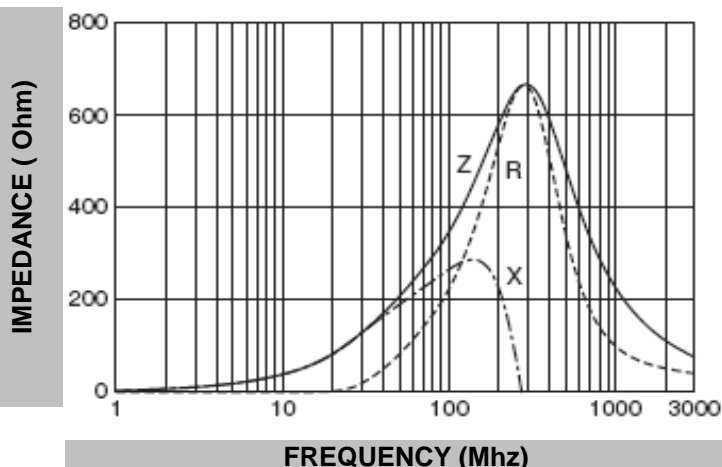
**Chip Dimensions**

L (mm)	W (mm)	T (mm)	RW (mm)
2,00 +/-0,2	1,25 +/-0,2	1,25 +/-0,2	0,5 +/-0,2

**Test conditions**

Specifications	Test Conditions		Value	Unit	Tol.
Impedance	<b>100Mhz</b>	Z	<b>330</b>	$\Omega$	<b>+/- 25%</b>
Max. Impedance		Z		$\Omega$	typ.
DC-Resistance		R <sub>DC</sub>	<b>0,300</b>	$\Omega$	max.
Rated Current		I <sub>bc</sub>	<b>200</b>	mA	max.
Operating Temperature	-55°C to + 125°C	°C			

**Typical Impedance v.s. Frequency Curve:**



**Circuit**



**Ferrit Chip Bead Size 0805**

Serie No.: **G12038**

Customer:

DRW:	Johnny	CHKD	Carlo	MATL:	Wor	DATE	14.01.2013
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**P.C.B. Layout Dimension**

	(mm)
A	1,10 ~ 1,30
B	3,0 ~ 4,0
C	1,00 ~ 1,65



**Soldering Profile**

**Soldering Profile for Lead Soldering**



**Soldering Profile for Lead Free Soldering**



**Ordering Information**

Serie	Impedance	Tolerance	Current	Special	ROHS	Packing
G12038	331	N	201	X	R	TR
331= 330 Ohm		N= Tolerance 25%	201= 0,2A	X= No special function	R= ROHS conform N=NON ROHS conform	BU= Bulk Ware TR= Tape/Reel

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