



**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.

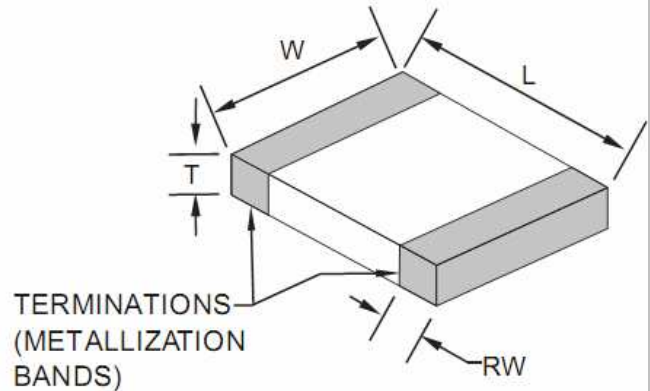
Low DC resistance structure of electronic to prevent wasteful electric power consumption.

High speed / wide band application.

**Applications**

Personal Computers, communications equipment, digital telephones, electronic games machine, CRTs, Hard disk drive, cellular phones, PDAs, Printers, High current DC lines and other computer peripheral products.

**Dimensions**



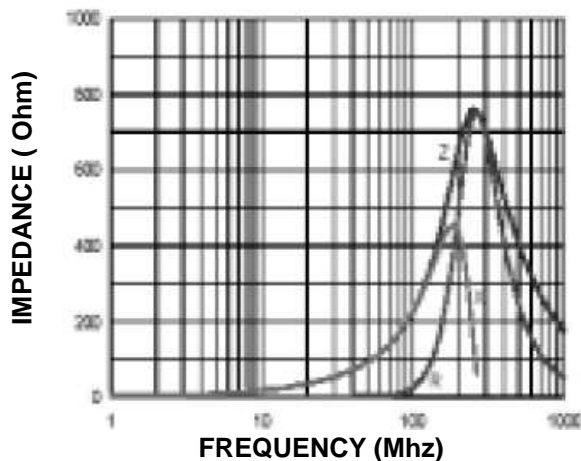
**Chip Dimensions**

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

**Test conditions**

Specifications	Test Conditions		Value	Unit	Tol.
Impedance	<b>100Mhz</b>	Z	<b>220</b>	<b>Ω</b>	<b>+/- 25%</b>
Max. Impedance		Z		<b>Ω</b>	typ.
DC-Resistance		R <sub>DC</sub>	<b>0,60</b>	<b>Ω</b>	max.
Rated Current		I <sub>DC</sub>	<b>50</b>	mA	max.

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



**Ferrit Chip Bead Size 0402**

Serie No.: **G12008**

Customer:

DRW:	Johnny	CHKD	Carlo	MATL:	Wor	DATE	06.06.2009
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**P.C.B. Layout Dimension**

	(mm)
A	0,3
B	1,5 ~ 1,8
C	0,7



**Soldering Profile**

**Soldering Profile for Lead Soldering**



**Soldering Profile for Lead Free Soldering**



**Ordering Information**

Serie	Impedance	Tolerance	Current	ROHS	Packing
G12008	221	N	500	R	TRxxx

221= 220 Ohm	N= Tolerance 25%	500= 50mA	R= ROHS conform	BU101= Bulk Ware 100PCS
			N=NON ROHS conform	TRxxx= Tape/Reel xxxxPCS

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