

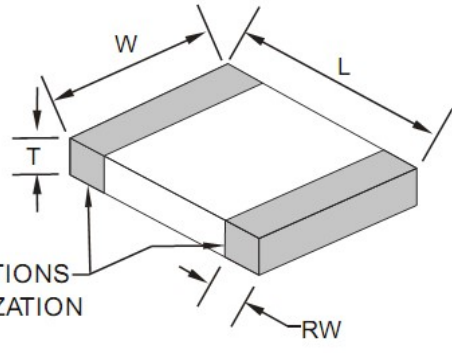


### Technical Specification

#### 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.

#### Dimensions



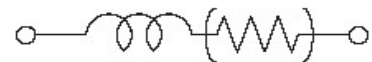
Chip Dimensions		Size Code	Size Dimension
		0402	1005
L (mm)	W (mm)	T (mm)	RW (mm)
1,0±0,15	0,5±0,15	0,5±0,15	0,25±0,1

### Specifications / Test conditions

	Min	Typ.	Max	Unit	Order Code
Impedance: ( Z )		0~15		Ω	100
DC-Resistance: (RDC)	--	0,05	--	Ω	
Rated Current: ( IDC )	--	500	--	mA	501D
Operating Temperature: ( °C )	-55°C ~ +125°C				
Tolerance: ( % )	25	Tolerance Code:		N	
Test-Conditions: ( MHz )	100	Material Code:		D	

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

#### Circuit



IMPEDANCE ( Ohm )

In the moment not available

FREQUENCY (Mhz)

**For General Lines Chip Beads**

Serie No.: **G12023-100-501D**

Customer:

DRW:	Johnny	CHKD	Carlo		Wor	DATE	19.02.2023
APPD:	Elva				Vienna	Sheet	1 from 2

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**Soldering Profile for Lead Soldering**

**Soldering Profile for Lead Free Soldering**



**Ordering Information**

Serie	Tolerance	Special	ROHS	Packing
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G12023-100-501D	N	X	R	TR
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N= Tolerance 25%	X= No special function	R= ROHS conform	BU= Bulk Ware
		N=NON ROHS conform	

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