



Technical Specification

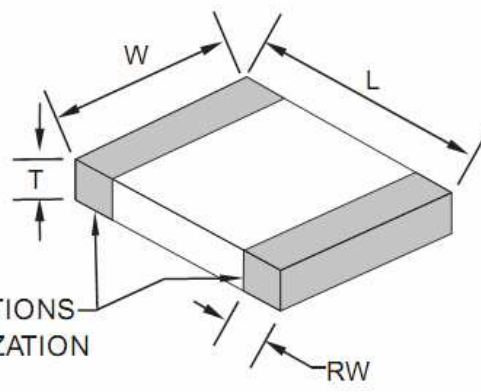
Features

- 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

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



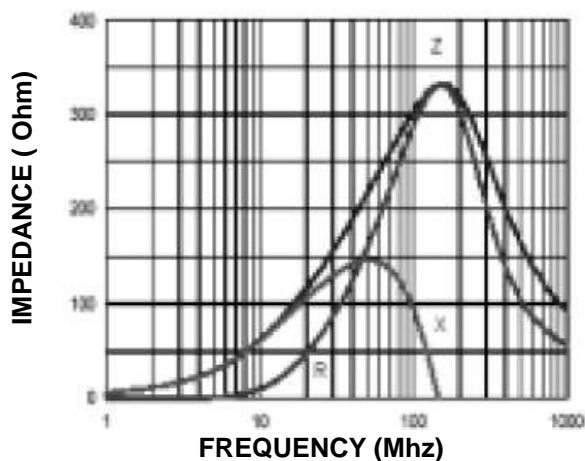
Chip Dimensions

L (mm)	W (mm)	T (mm)	RW (mm)
3,20 +/-0,2	1,6 +/-0,2	1,1 +/-0,2	0,5 +/-0,3

Test conditions

Specifications	Test Conditions		Value	Unit	Tol.
Impedance	100Mhz	Z	300	Ω	+/- 25%
Max. Impedance		Z		Ω	typ.
DC-Resistance		R _{DC}	0,20	Ω	max.
Rated Current		I _{DC}	1000	mA	max.

Typical Impedance v.s. Frequency Curve:



Ferrite Chip Bead Size 1206 High Current

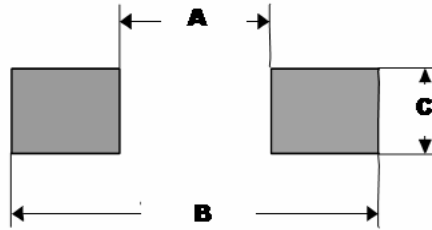
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P.C.B. Layout Dimension

	(mm)
A	2,0
B	4,2 ~ 5,2
C	1,2

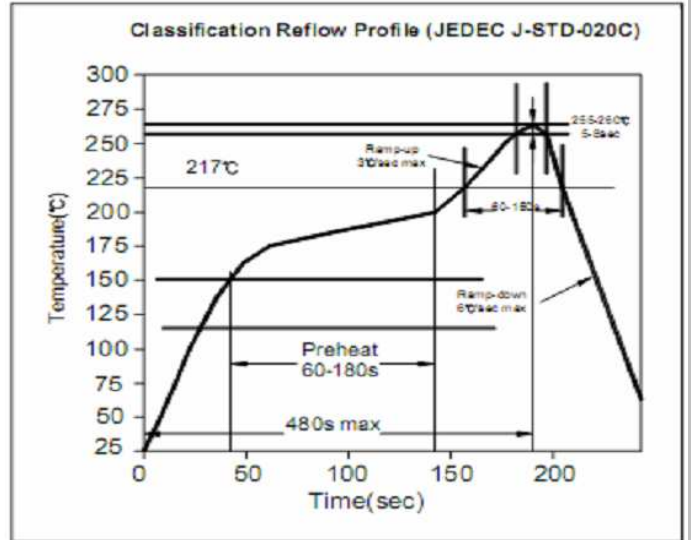


Soldering Profile

Soldering Profile for Lead Soldering



Soldering Profile for Lead Free Soldering



Ordering Information

Serie	Impedance	Tolerance	Current	ROHS	Packing
G12003	301	N	102	R	TRxxx

301= 300 Ohm	N= Tolerance 25%	102= 1,0A	R= ROHS conform	BU101= Bulk Ware 100PCS
			N=NON ROHS conform	TRxxx= Tape/Reel xxxxPCS

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