



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.

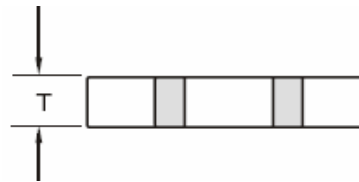
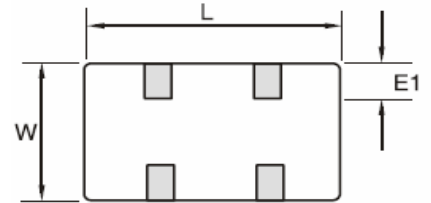
Low DC resistance structure of electronic to prevent wasteful electric power consumption.

High speed and 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)	E1 (mm)
3,20 +/-0,2	1,66 +/-0,2	0,9 +/-0,1	0,3 +/-0,2

Test conditions

Specifications	Test Conditions		Value	Unit	Tol.
Impedance	100Mhz	Z	120	Ω	+/- 20%
Max. Impedance		Z		Ω	typ.
DC-Resistance		R _{DC}	0,20	Ω	max.
Rated Current		I _{DC}	500	mA	max.

Typical Impedance v.s. Frequency Curve:

IMPEDANCE (Ohm)

FREQUENCY (Mhz)

Ferrit Chip Bead Array
Size 1206 2x0603

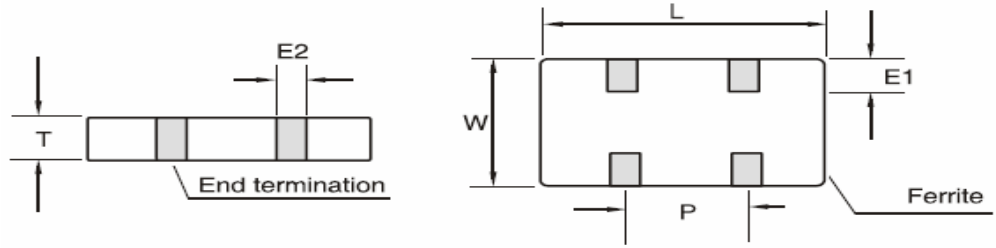
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P.C.B. Layout Dimension



Code	L	W	T	E1	E2	P
1206	3,2 / +/- 0,2	1,66 +/- 0,2	0,9 / +/-0,1	0,32 / +/- 0,2	0,3 / +/-0,2	1,6 / +/-0,2

Soldering Profile

Soldering Profile for Lead Soldering



Soldering Profile for Lead Free Soldering



Ordering Information

Serie	Impedance	Tolerance	Current	ROHS	Packing
G13003	121	M	501	R	TRxxx

121= 120 Ohm	M= Tolerance 20%	501= 500mA	R= ROHS conform N=NON ROHS conform	BU101= Bulk Ware 100PCS TRxxx= Tape/Reel xxxPCS
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Ferrit Chip Bead Array Size 1206 2x0603	
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