



Technical Specification

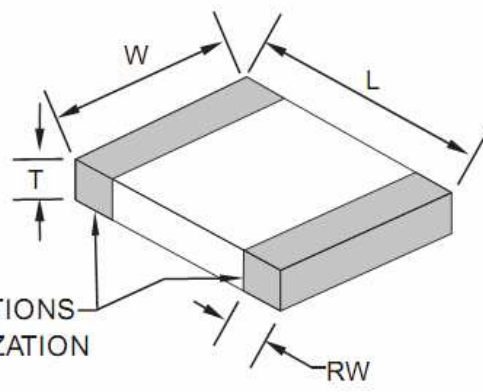
Features

- 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

Power Lines / Signal Lines

Dimensions



TERMINATIONS
(METALLIZATION BANDS)

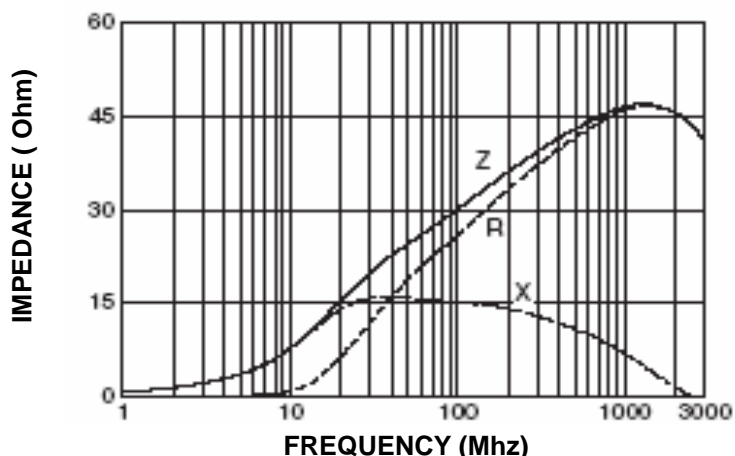
Chip Dimensions

L (mm)	W (mm)	T (mm)	RW (mm)
1,00 +/-0,05	0,5 +/-0,05	0,5 +/-0,05	0,25 +/-0,1

Test conditions

Specifications	Test Conditions		Value	Unit	Tol.
Impedance	100Mhz	Z	30	Ω	+/- 25%
Max. Impedance		Z		Ω	typ.
DC-Resistance		R _{DC}	0,060	Ω	max.
Rated Current		I _{DC}	1100	mA	max.

Typical Impedance v.s. Frequency Curve:



Circuit



Ferrit Chip Bead Size 0402

Serie No.: **G12016**

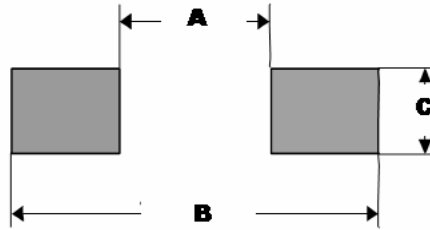
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P.C.B. Layout Dimension

	(mm)
A	0,30 ~ 0,51
B	1,02 ~ 1,42
C	0,46 ~ 0,61

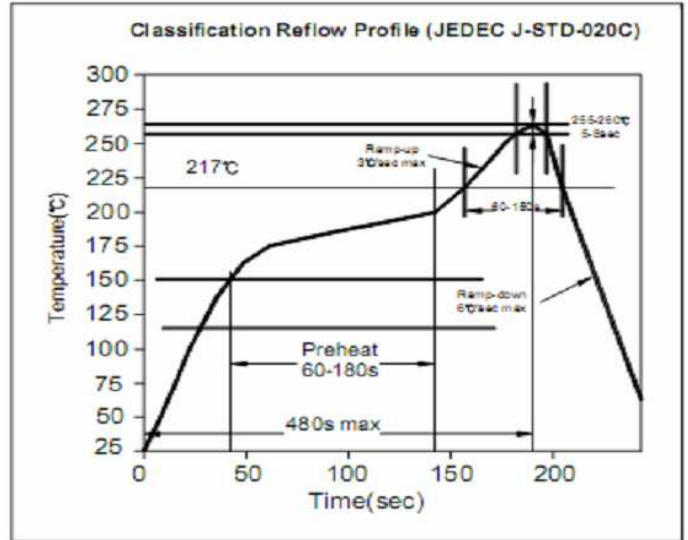


Soldering Profile

Soldering Profile for Lead Soldering



Soldering Profile for Lead Free Soldering



Ordering Information

Serie	Impedance	Tolerance	Current	Special	ROHS	Packing
G12016	300	N	112	X	R	TR
	300= 30 Ohm	N= Tolerance 25%	112= 1,1A	X= No special function	R= ROHS conform N=NON ROHS conform	BU= Bulk Ware TR= Tape/Reel

Ferrit Chip Bead Size 0402

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