



Technical Specification

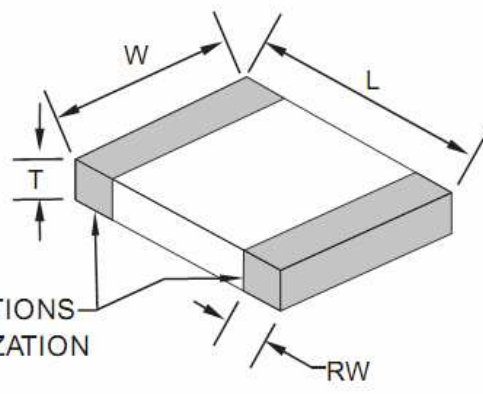
Features

- 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.

Applications

for high speed signal lines

Dimensions



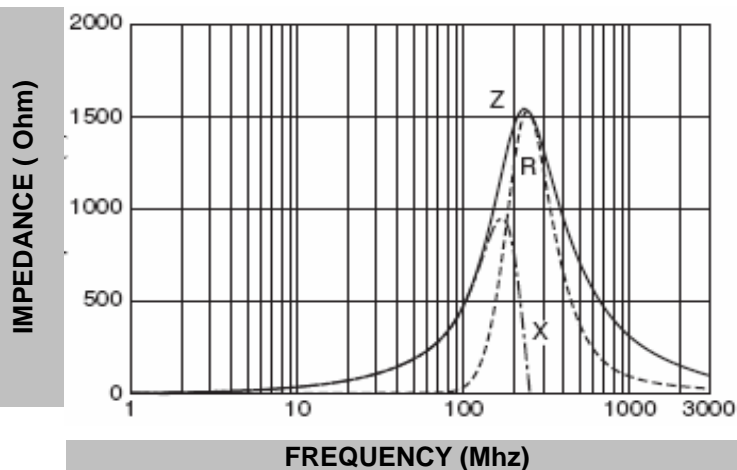
Chip Dimensions

L (mm)	W (mm)	T (mm)	RW (mm)
2,00 +/-0,2	1,25 +/-0,2	1,25 +/-0,2	0,5 +/-0,2

Test conditions

Specifications	Test Conditions		Value	Unit	Tol.
Impedance	100Mhz	Z	470	Ω	+/- 25%
Max. Impedance		Z		Ω	typ.
DC-Resistance		R _{DC}	0,40	Ω	max.
Rated Current		I _{DC}	400	mA	max.
Operating Temperature	-55°C to +125°C	°C			

Typical Impedance v.s. Frequency Curve:



Circuit



Ferrit Chip Bead Size 0805

Serie No.: **G12038**

Customer:

DRW:	Johnny	CHKD	Carlo	MATL:	Wor	DATE	14.01.2013
APPD:	Elva			FINISH	Vienna	Sheet	1 from 2



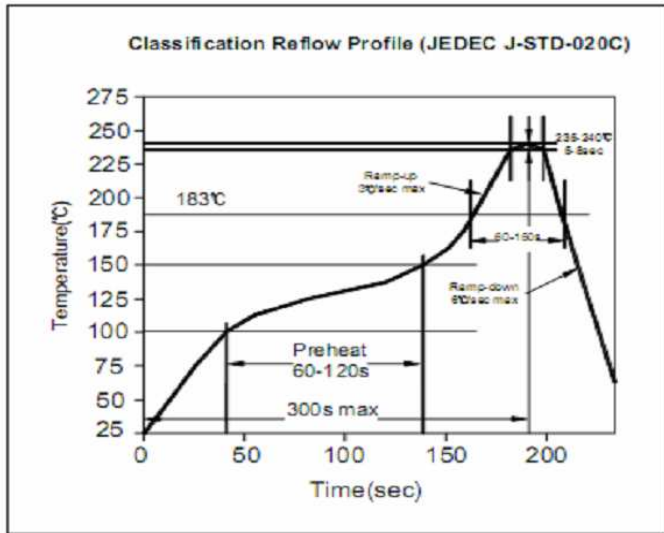
P.C.B. Layout Dimension

	(mm)
A	1,10 ~ 1,30
B	3,0 ~ 4,0
C	1,00 ~ 1,65



Soldering Profile

Soldering Profile for Lead Soldering



Soldering Profile for Lead Free Soldering



Ordering Information

Serie	Impedance	Tolerance	Current	Special	ROHS	Packing
G12038	471	N	401	X	R	TR

471= 470 Ohm	N= Tolerance 25%	401= 0,4A	X= No special function	R= ROHS conform	BU= Bulk Ware TR= Tape/Reel
				N=NON ROHS conform	

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