EDCON COMPONENTS
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Technical Specification

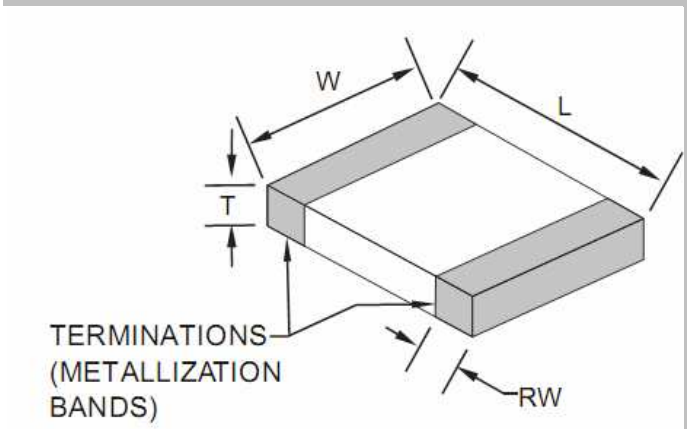
Features

Closed magnetic circuit structure allows high density mounting an a pcb board, mounting while preventing crosswalk.
Extremly high reliability due to entirely monolithic construction.
Low DC resistance structure of electronic to prevent wasteful electric power consumption.
Current application rating look at range.

Applications

for high speed signal lines

Dimensions

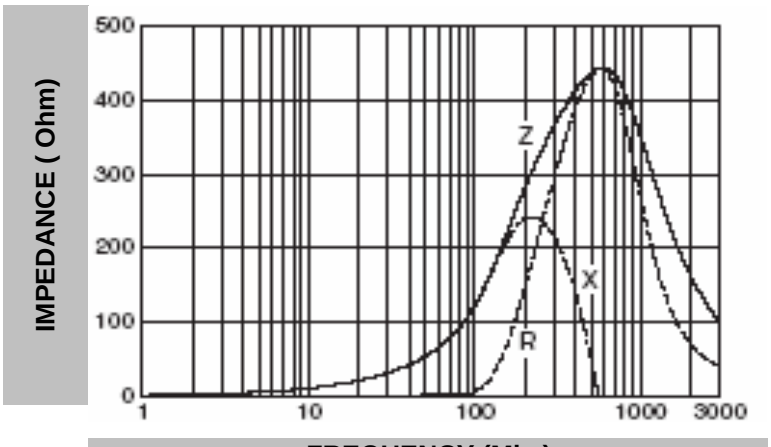


Chip Dimensions			
L (mm)	W (mm)	T (mm)	RW (mm)
1,60 +/-0,2	0,8 +/-0,15	0,8 +/-0,15	0,4 +/-0,2

Test conditions

Specifications	Test Conditions		Value	Unit	Tol.
Impedance	**100Mhz**	Z	**120**	**Ω**	**+/- 25%**
Max. Impedance		Z		**Ω**	typ.
DC-Resistance		R_{DC}	**0,300**	**Ω**	max.
Rated Current		I_{DC}	**500**	mA	max.
Operating Temperature Range	. -55℃ ~ +125℃	℃			

Typical Impedance v.s. Frequency Curve:



Circuit

Ferrit Chip Bead Size 0603

Serie No.: **G12028**

Customer:

DRW:	Johnny	CHKD	Carlo	MATL:	Wor	DATE	12.01.2013
APPD:	Elva			FINISH	Vienna	Sheet	1 from 2

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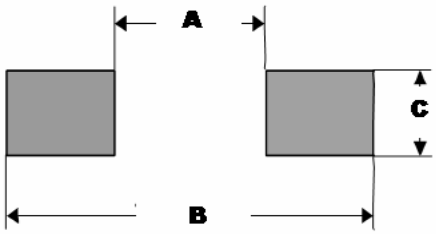
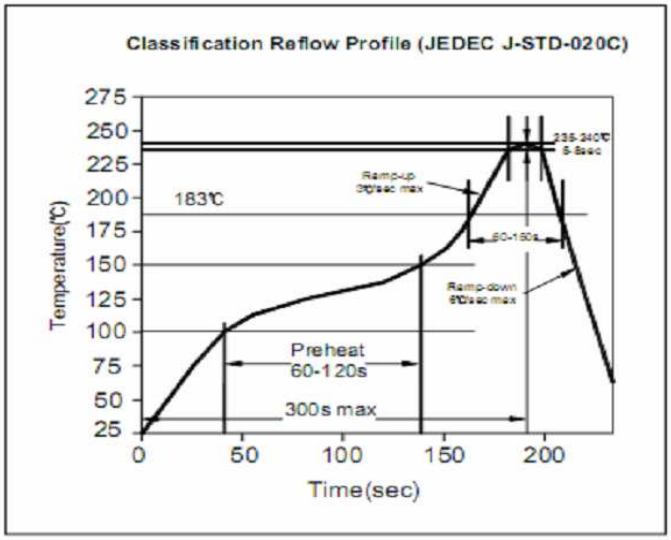
P.C.B. Layout Dimension

	(mm)
A	**0,61 ~ 0,79**
B	**1,83 ~ 2,21**
C	**0,71 ~ 1,09**

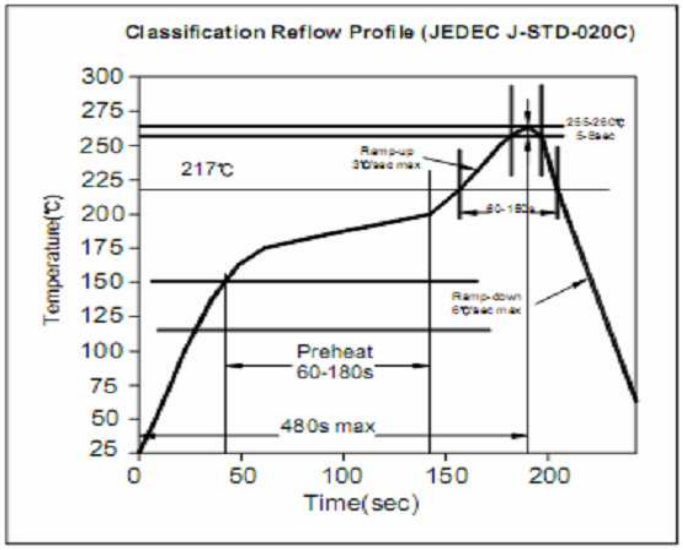


Soldering Profile

Soldering Profile for Lead Soldering



Soldering Profile for Lead Free Soldering



Ordering Information

Serie	Impedance	Tolerance	Current	Special	ROHS	Packing
G12028	**121**	**N**	**501**	**X**	**R**	**TR**
	121= 120 Ohm	**N**= Tolerance 25%	**501**= 0,5A	**X**= No special function	**R=** ROHS conform	**BU=** Bulk Ware
					N=NON ROHS conform	**TR=** Tape/Reel

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