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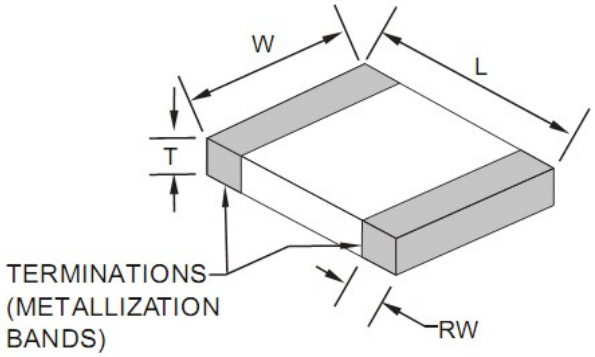
Technical Specification

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.
High current application rating look at range.

Dimensions



Chip Dimensions	Size Code	Size Dimension	
	0603	1608	
L (mm)	W (mm)	T (mm)	RW (mm)
1,6±0,15	0,8±0,15	0,8±0,15	0,3±0,2

Specifications / Test conditions

	Min	Typ.	Max	Unit	Order Code
Impedance: (Z)		1800		Ω	182
DC-Resistance: (RDC)	--	0,90	--	Ω	
Rated Current: (IDC)	--	100	--	mA	101D
Operating Temperature: (°C)		-55°C ~ +125°C			
Tolerance: (%)	25	Tolerance Code:		N	
Test-Condtions: (MHz)	100	Material Code:		D	

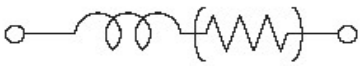
Typical Impedance v.s. Frequency Curve:

IMPEDANCE (Ohm)

In the moment not available

FREQUENCY (Mhz)

Circuit



Generell Signal Lines A Chip Beads

Serie No.: **G12027-182-101D**

Customer:

DRW:	Johnny	CHKD	Carlo		Wor	DATE	19.02.2023
APPD:	Elva				Vienna	Sheet	1 from 2

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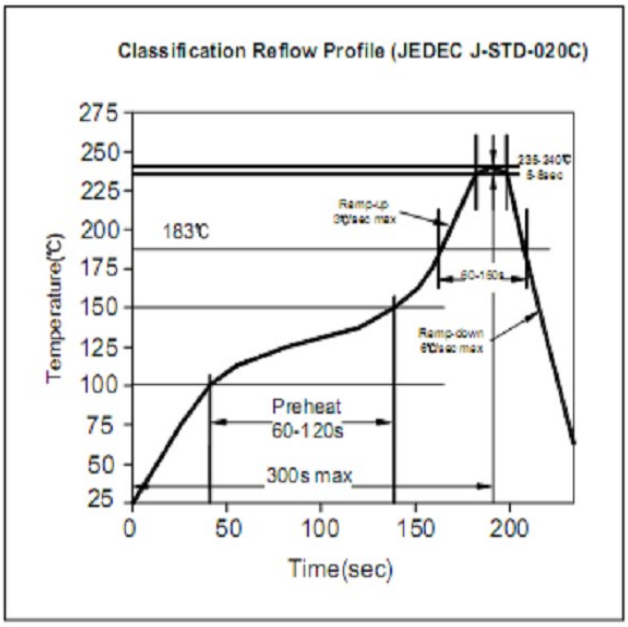
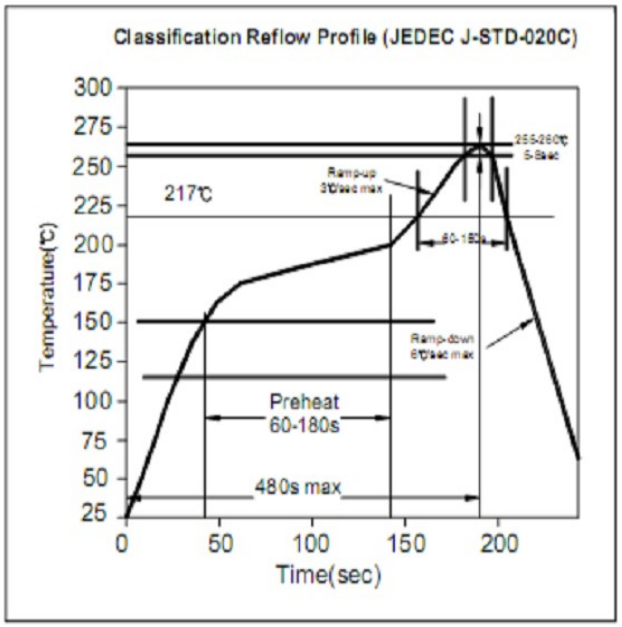
Soldering Profile for Lead Soldering



Soldering Profile for Lead Free Soldering



Ordering Information

Serie	Tolerance	Special	ROHS	Packing
G12027-182-101D	N	X	R	TR

N= Tolerance 25%	**X**= No special function	**R=** ROHS conform	**BU=** Bulk Ware
		N=NON ROHS conform	**TR=** Tape/Reel

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