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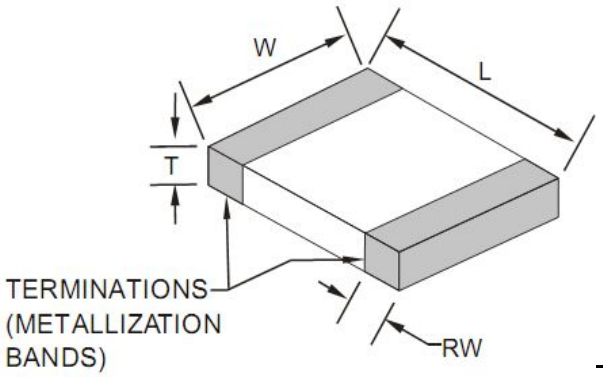
Technical Specification

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
	1206	3216

L (mm)	W (mm)	T (mm)	RW (mm)
3,2±0,20	1,6±0,2	0,06	0,5±0,3

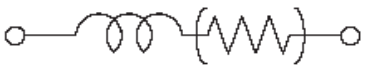
Specifications / Test conditions

	Test-Cond.	Min	Typ.	Max	Unit	Tol.%	Order Code
Impedance: (Z)	100 Mhz		300		Ω	25	301
Impedance: (Z)	0 Ghz		0		Ω	0	
DC-Resistance: (RDC)		--	0,06	--	Ω		
Rated Current: (IDC)		--	3000	--	mA		302A
Operating Temperature: (°C)	.-55°C ~ +125°C						
Tolerance Code:	N	Material Code:	A				

Typical Impedance v.s. Frequency Curve:

FREQUENCY (Mhz)

Circuit



High Current for DC-Power Line Chip Beads

Serie No.: G12048-301-302A

Customer:

DRW:	Johnny	CHKD	Carlo		Wor	DATE	27.08.2024
APPD:	Elva				Vienna	Sheet	1 from 2

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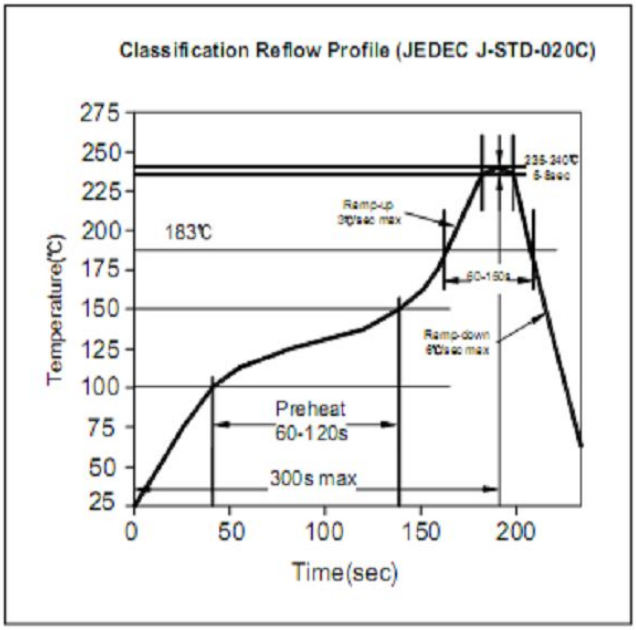
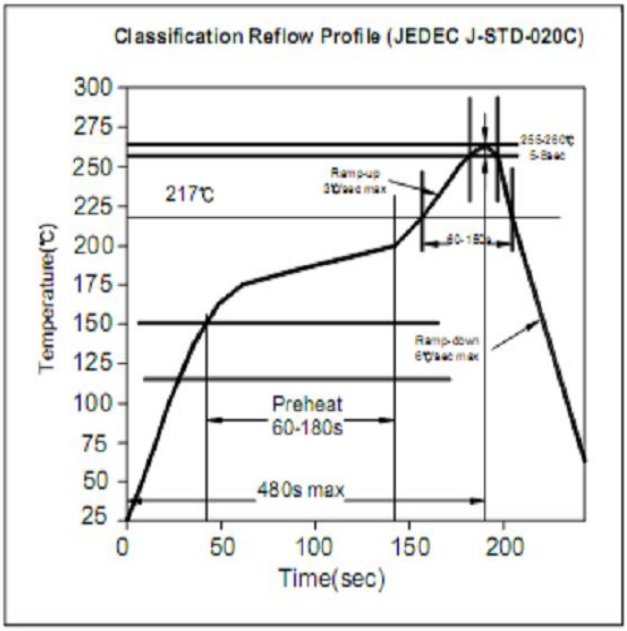
Soldering Profile for Lead Soldering



Soldering Profile for Lead Free Soldering



Ordering Information

Serie	Tolerance	Special	ROHS	Packing
G12048-301-302A	**N**	**X**	**R**	**TR**

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

High Current for DC-Power Line Chip Beads

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DRW:	Johnny	CHKD	Carlo		Wor	DATE	27.08.2024
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