



Technical Specification

Features

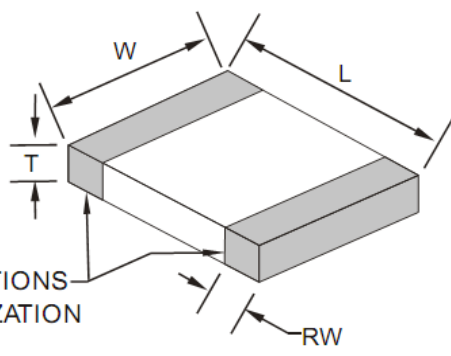
Closed magnetic circuit structure allows high density mounting on a PCB board, mounting while preventing crosswalk.

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.

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	1,5	0,3±0,2

Specifications / Test conditions

	Test-Cond.	Min	Typ.	Max	Unit	Tol. %	Order Code
Impedance: (Z)	100 Mhz		1000		Ω	25	102
Impedance: (Z)	1 Ghz		1200		Ω	40	
DC-Resistance: (RDC)		--	1,50	--	Ω		
Rated Current: (IDC)		--	50	--	mA		500A
Operating Temperature: (°C)		-55°C ~ +125°C					
Tolerance Code:	N	Material Code:	A				

Typical Impedance v.s. Frequency Curve:

Circuit



GHz High Frequency Ferrite Chip Beads

Serie No.: G12045-102-500A

Customer:

FREQUENCY (Mhz)

DRW:	Johnny	CHKD	Carlo		Wor	DATE	26.08.2024
APPD:	Elva				Vienna	Sheet	1 from 2

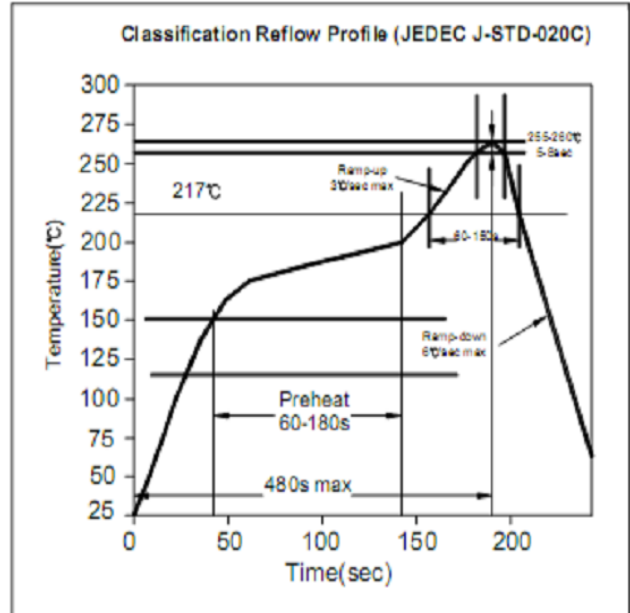
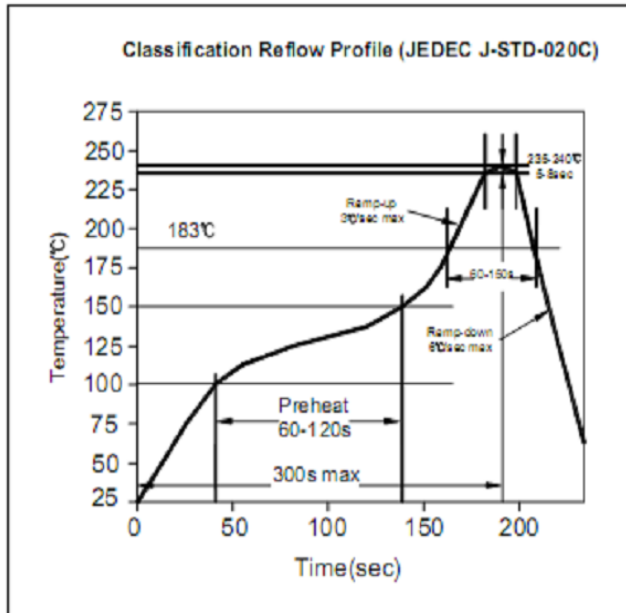
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Soldering Profile for Lead Soldering

Soldering Profile for Lead Free Soldering



Ordering Information

Serie	Tolerance	Special	ROHS	Packing
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G12045-102-500A	N	X	R	TR
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N= Tolerance 25%	X= No special function	R= ROHS conform	BU= Bulk Ware
		N=NON ROHS conform	TR= Tape/Reel

GHz High Frequency Ferrit Chip Beads

Serie No.: G12045-102-500A

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