

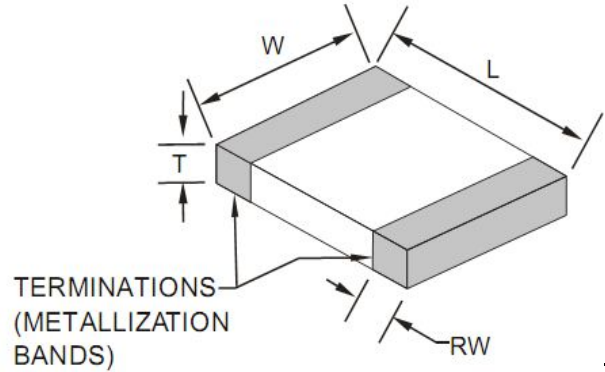


### Technical Specification

#### 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	0,15	0,3±0,2	

### Specifications / Test conditions

	Test-Cond.	Min	Typ.	Max	Unit	Tol. %	Order Code
Impedance: ( Z )	100 Mhz		100		Ω	25	101
Impedance: ( Z )	0 Ghz		0		Ω	0	
DC-Resistance: (RDC)		--	0,15	--	Ω		
Rated Current: ( IDC )		--	400	--	mA		401A
Operating Temperature: ( °C )	-55°C ~ +125°C						
Tolerance Code:	N	Material Code:	A				

#### Typical Impedance v.s. Frequency Curve:

#### Circuit



<b>Multilayer Chip Suppressors Chip Beads</b>	
Serie No.:	G12054-101-401A
Customer:	

#### FREQUENCY (Mhz)

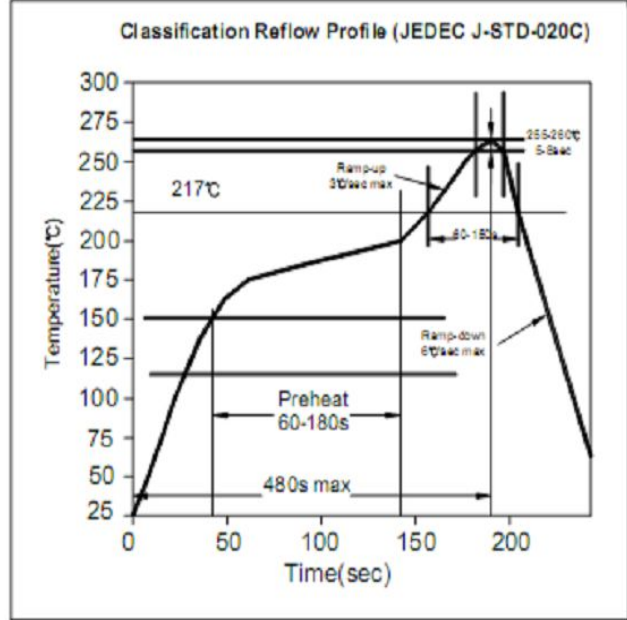
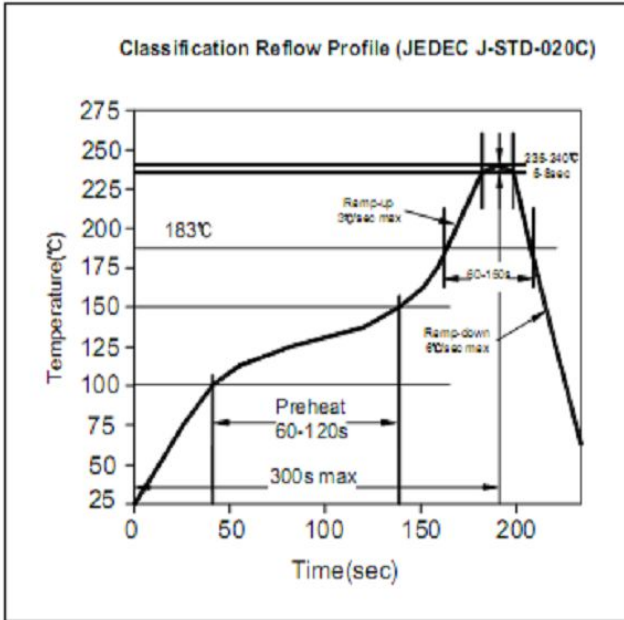
DRW:	Johnny	CHKD	Carlo		Wor	DATE	27.08.2024
APPD:	Elva				Vienna	Sheet	1 from 2

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**Soldering Profile for Lead Soldering**

**Soldering Profile for Lead Free Soldering**



**Ordering Information**

Serie	Tolerance	Special	ROHS	Packing
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G12054-101-401A	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

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[www.edcon-components.com](http://www.edcon-components.com)

email: [info@edcon-components.com](mailto:info@edcon-components.com)