



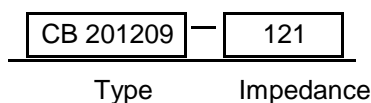
■ Features:

- These small size chips generating high impedance
- High reliability due to an entirely monolithic structure
- Low DC resistance structure of electrode prevents wasteful electric power consumption

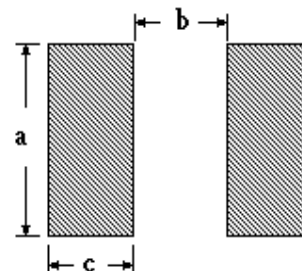
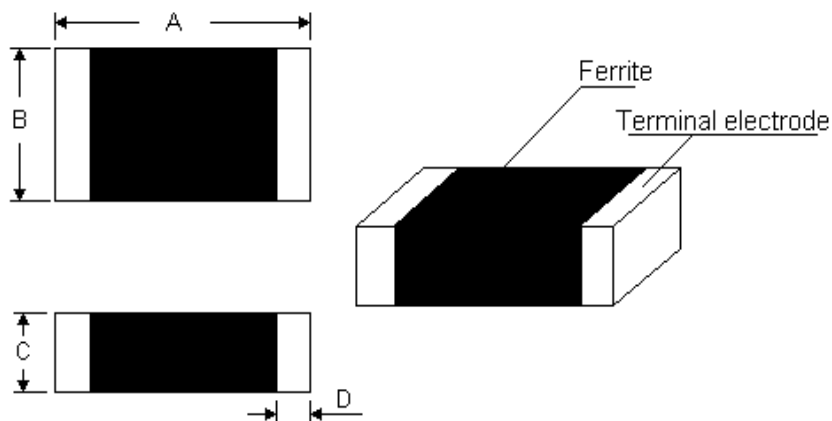
■ Applications:

- Computers and peripheral equipment
- VCRS, Television, Pagers, Cellular phones
- Digital communication equipment
- Various electronics equipments

■ Parts code:



■ Recommended Land Pattern:



Dimensions in mm

TYPE	A	B	C	D	a	b	c
CB 060303 (0201)	0.6 ± 0.03	0.3 ± 0.03	0.3 ± 0.03	0.15 ± 0.05	0.3	0.2	0.3
CB 100505 (0402)	1.0 ± 0.1	0.5 ± 0.1	0.5 ± 0.1	0.2 ± 0.1	0.5	0.45	0.5
CB 160808 (0603)	1.6 ± 0.2	0.8 ± 0.2	0.8 ± 0.2	0.4 ± 0.2	0.7	0.7	0.7
CB 201209 (0805)	2.0 ± 0.2	1.25 ± 0.2	0.9 ± 0.2	0.5 ± 0.3	1.0	0.8	1.0
CB 321611 (1206)	3.2 ± 0.2	1.6 ± 0.2	1.1 ± 0.2	0.7 ± 0.3	1.4	2.2	1.1
CB 322513 (1210)	3.2 ± 0.2	2.5 ± 0.2	1.3 ± 0.2	0.8 ± 0.2	2.3	2.2	1.1
CB 451616 (1806)	4.5 ± 0.2	1.6 ± 0.2	1.6 ± 0.2	0.8 ± 0.2	3.0	3.0	1.5
CB 453215 (1812)	4.5 ± 0.2	3.2 ± 0.2	1.5 ± 0.2	0.8 ± 0.2	3.0	3.0	1.5

■ Package:

TYPE	CB 060303	CB 100505	CB 160808	CB 201209	CB 321611	CB 322513	CB 451616	CB 453215
Q'TY / Reel	15000	10000	4000	4000	3000	2000	2000	1000

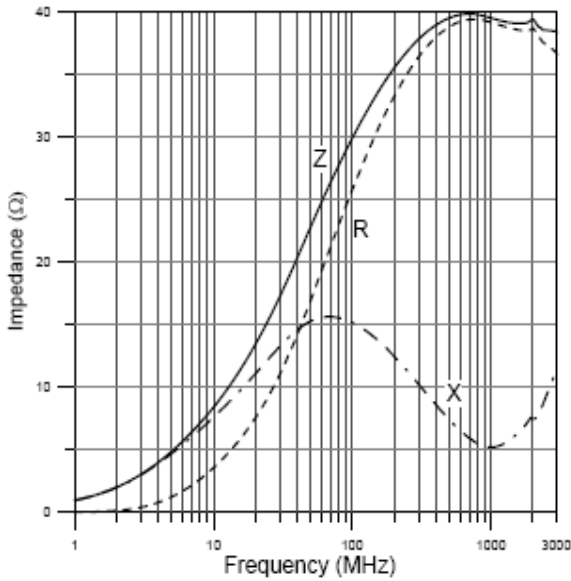
- Operating temperature: -55°C to + 125°C  
 Storage temperature: -55°C to + 125°C

## Specifications

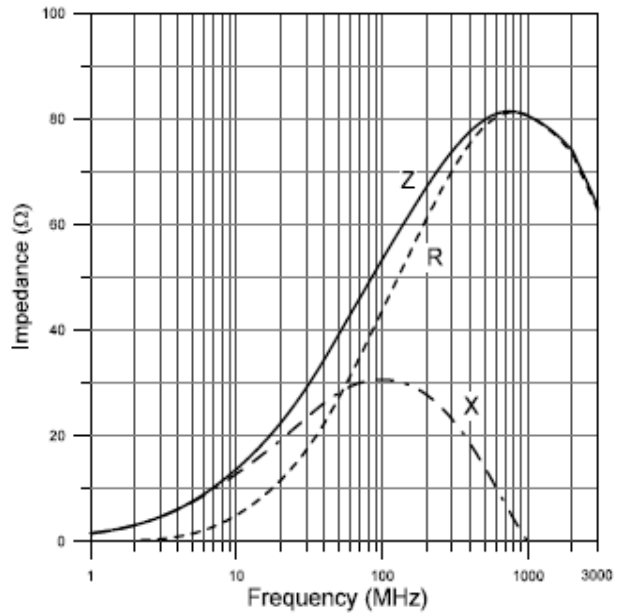
Impedance		CB 322513 (1210)		
		Test Frequency	DC Resistance	Rated Current
Code	$\Omega \pm 25\%$	(MHz)	( $\Omega$ ) Max	(mA) Max
CB 322513-310	31	100	0.10	500
CB 322513-520	52	100	0.30	400
CB 322513-600	60	100	0.30	400

Test Instruments : HP 4291 Impedance / Material Analyzer

### CB 3225-310



### CB 3225-520



### CB 3225-600

