

### Feature

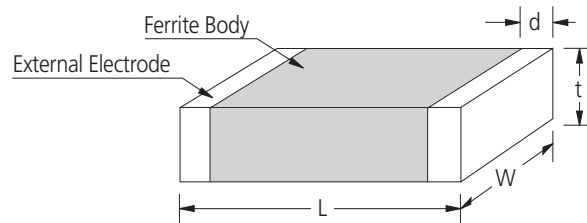
- CIV Series have high impedance in a GHz band and suppress GHz noise
- Small beads suitable for surface mounting
- Excellent solderability and high heat resistance for either flow or reflow soldering

### Application

- High frequency EMI prevention application to computers, printers, VCRs, TVs and mobile phones.

Operating Temp	-55~+125°C
Storage Temp	-10~+40°C

### Dimensions



Unit : mm

SIZE CODE	L	W	t	d
05	1.0±0.05	0.5±0.05	0.5±0.05	0.25±0.1

### Part Numbering

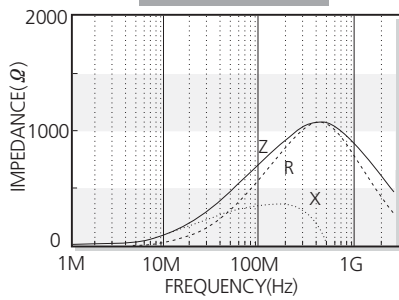
**CI**   **V**   **05**   **U**   **102**   **N**   **C**  
 (1)   (2)   (3)   (4)   (5)   (6)   (7)

- (1) Chip Beads
- (2) V: For GHz Noise Suppression
- (3) Dimension
- (4) Material Code (U,J)
- (5) Nominal impedance (601:600Ω, 102:1000Ω,)
- (6) Thickness option (N: Standard, A: Thinner than standard, B: Thicker than standard)
- (7) Packaging (C: paper tape, E: embossed tape)

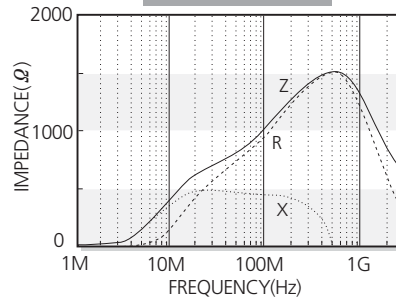
**CIV 1005(0402)Type**

Part No.	Thickness (mm)	Impedance ( $\Omega$ ) $\pm 25\%$ @ 100 MHz	Impedance ( $\Omega$ ) $\pm 40\%$ @ 1 GHz	DC Resistance ( $\Omega$ ) Max.	Rated Current (mA) Max.
CIV05U601	0.5 $\pm$ 0.05	600	1000	0.7	300
CIV05U102	0.5 $\pm$ 0.05	1000	1400	1.1	250
CIV05J102	0.5 $\pm$ 0.05	1000	2000	1.25	250
CIV05J182	0.5 $\pm$ 0.05	1800	2700	2.20	200

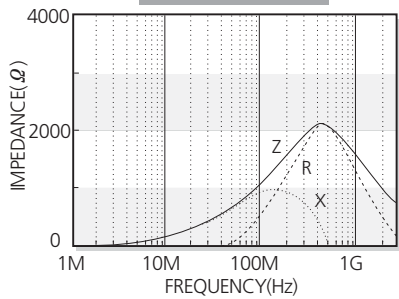
**CIV05U601NC**



**CIV05U102NC**



**CIV05J102NC**



**CIV05J182NC**

