

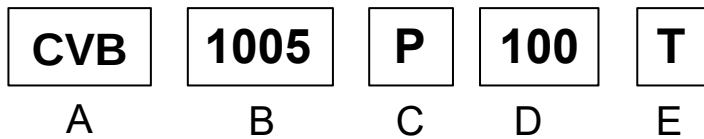
FEATURES

- Internal silver printed layers and magnetic shielded structures to minimize crosstalk
- Monolithic structure for excellent reliability
- Smaller DC resistance and larger allowable current than UPZ series
- Can be used in a wide range of frequency to suppress EMI

APPLICATIONS

- Noise suppression for power lines or large current signal lines of electric equipments, such as communication equipments, computers, A/V equipments, auto electronics, etc

Part Numbering



A:ASIM Multilayer Chip Ferrite High Frequency Beads

B:Dimension

C:Large Current

D:Impedance 100:10 Ω

E: Tape

SPECIFICATIONS

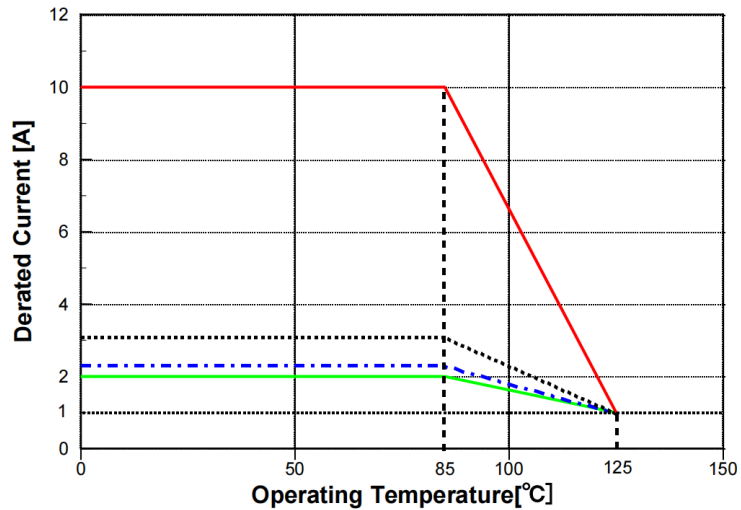
CVB1005TYPE

Part Number	Impedance	Z Test Frequency	Max. DC Resistance	Max. Rated Current	Thickness
Units	Ω	MHz	m Ω	mA	mm [inch]
Symbol	Z	Freq.	DCR	I _r	T
CVB1005P100T	10 $\pm$ 25%	100	18	3100	0.5 $\pm$ 0.15 [.020 $\pm$.006]
CVB1005P800T	80 $\pm$ 25%	100	38	2300	
CVB1005P121T	120 $\pm$ 25%	100	50	2000	
CVB1005P221T	220 $\pm$ 25%	100	100	1200	

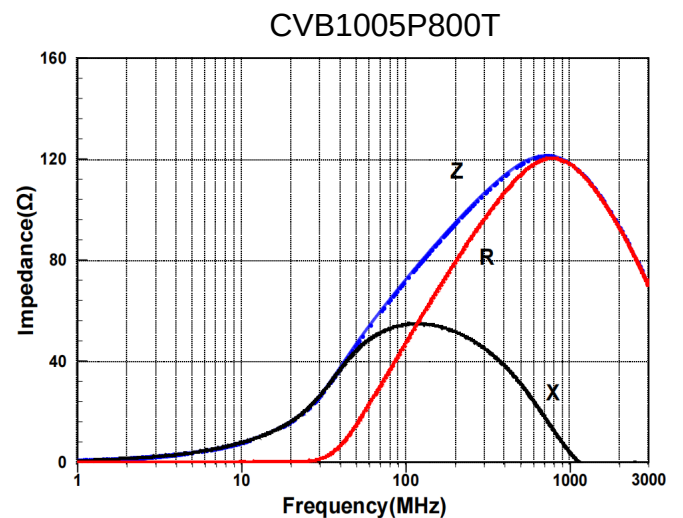
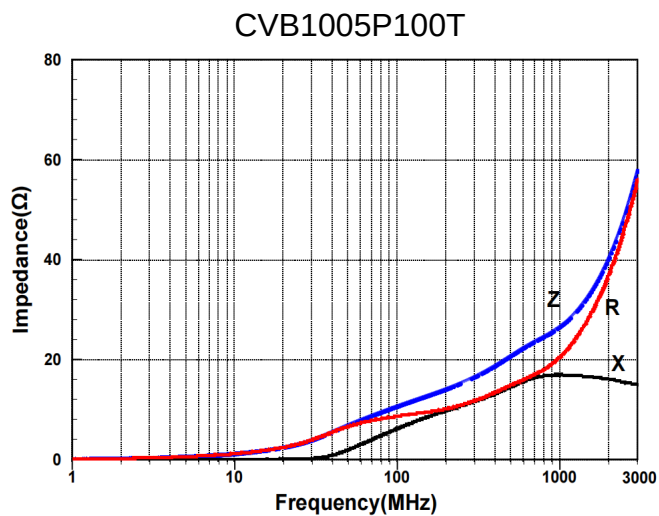
DETAIL ELECTRICAL CHARACTERISTICS

Rated Current

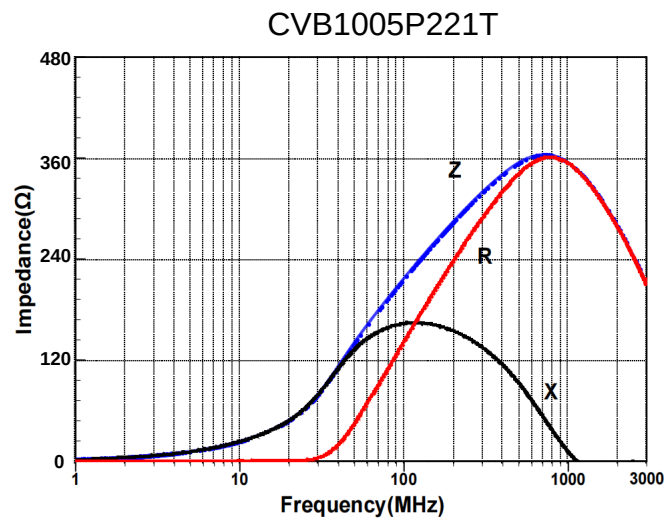
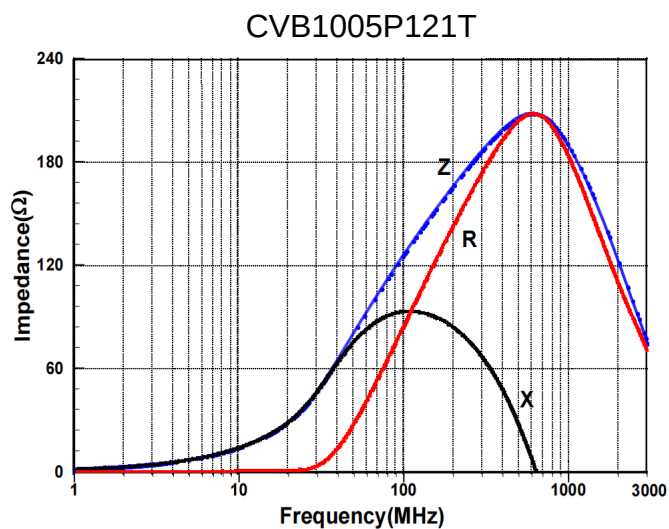
When operating temperatures exceed +85°C, derating of current is necessary for chip ferrite beads for which rated current is 1000mA and over. Please apply the derating curve shown in chart according to the operating temperature.



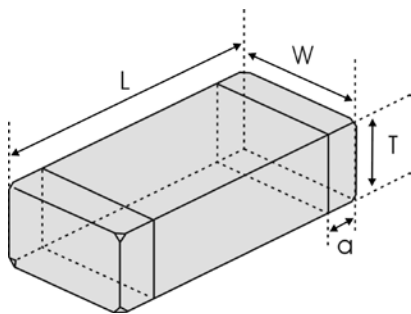
DETAIL ELECTRICAL CHARACTERISTICS



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SHAPE AND DIMENSIONS



Unit: mm [inch]

Type	L	W	T	a
CVB1005 [0402]	1.0±0.15 [.039±.006]	0.5±0.15 [.020±.006]	0.5±0.15 [.020±.006]	0.25±0.1 [.010±.004]