



Surface Mount Ferrite Beads

- *Designed to reduce noise at high frequencies*
- *Nickel barrier with solder overcoat for excellent solderability*
- *Magnetically shielded*
- *RoHS compliant*



CZB & CZP Series Specifications

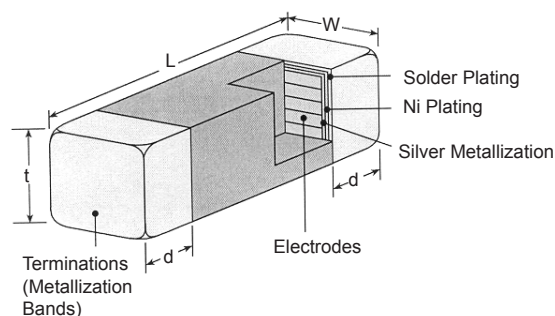
Part Number Determination

CZB1EGTTP120P						
CZB	1E	G	T	TP	120	P
TYPE	SIZE	PERMEABILITY	TERMINATION CODE	PACKAGING	IMPEDANCE	TOLERANCE
CZB=Multilayer Ferrite Bead CZP=Multilayer Power Ferrite Bead	1E=0402 1J=0603 2A=0805 2B=1206	F G S	T: Sn L: SnPb	TP: 7" paper tape (1E only - 10,000 pieces/reel) TE: 7" embossed plastic (1J, 2A - 4000 pieces/reel) (2B - 3000 pieces/reel)	2 significant figures + 1 multiplier	P = $\pm 25\%$

Package Dimensions in(mm)

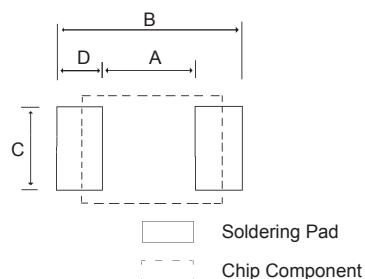
Series	L	W	t	d
1E (0402)	0.039 $\pm$ 0.004 (1.0 $\pm$ 0.1)	0.02 $\pm$ 0.004 (0.5 $\pm$ 0.1)	0.02 $\pm$ 0.004 (0.5 $\pm$ 0.1)	0.01 $\pm$ 0.004 (0.25 $\pm$ 0.1)
1J (0603)	0.063 $\pm$ 0.006 (1.6 $\pm$ 0.15)	0.031 $\pm$ 0.006 (0.8 $\pm$ 0.15)	0.031 $\pm$ 0.006 (0.8 $\pm$ 0.15)	0.014 $\pm$ 0.006 (0.36 $\pm$ 0.15)
2A (0805)	0.079 $\pm$ 0.008 (2.0 $\pm$ 0.2)	0.049 $\pm$ 0.008 (1.25 $\pm$ 0.2)	0.035 $\pm$ 0.008 (0.9 $\pm$ 0.2)	0.02 $\pm$ 0.01 (0.51 $\pm$ 0.25)
2B (1206)	0.126 $\pm$ 0.008 (3.2 $\pm$ 0.3)	0.063 $\pm$ 0.008 (1.6 $\pm$ 0.2)	0.043 $\pm$ 0.008 (1.1 $\pm$ 0.2)	0.02 $\pm$ 0.01 (0.51 $\pm$ 0.25)

Construction



Land Pattern (mm)

Type	Style	A	B	C	D
CZB CZP	1E	0.4	1.3	0.5	----
	1J	0.6	2.6	0.8	----
	2A	1.0	3.0	1.0	----
	2B	2.2	4.4	1.4	----



Engineering Design Kits Available
See Garrett Kit Catalog