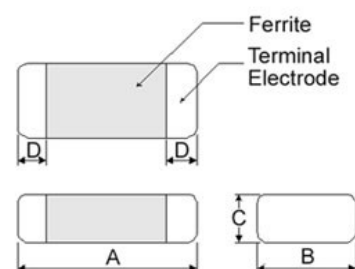




FEATURES

- Internal silver printed layers and magnetic shielded structures to minimize crosstalk
- Monolithic structure for excellent reliability
- Smaller DC resistance and larger allowable current than CVB2012P
- Can be used in a wide range of frequency to suppress EMI

Shape and Dimensions



Unit: mm [inch]

TYPE	A	B	C	D
2012	2.0±0.20	1.25±0.20	0.9±0.20	0.5±0.3

PRODUCT IDENTIFICATION

CVB 2012 P 221 T

① ② ③ ④ ⑤

①

EMI BEADS	
CVB	Chip Ferrite Bead For

②

External Dimensions (L×W) (mm)	
2012 [0805]	2.0×1.25

③

Type	
P	Large Current

④

Nominal Impedance	
Example	Nominal Value
300	30Ω
221	220Ω
102	1000Ω

⑤

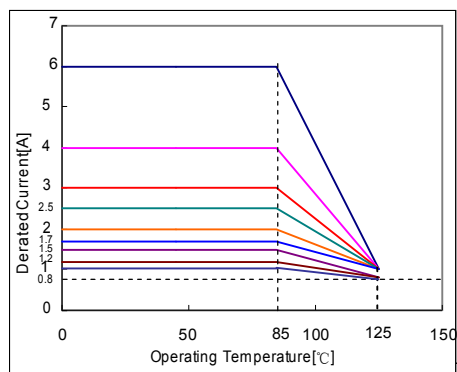
Packing	
T	Tape & Reel



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.



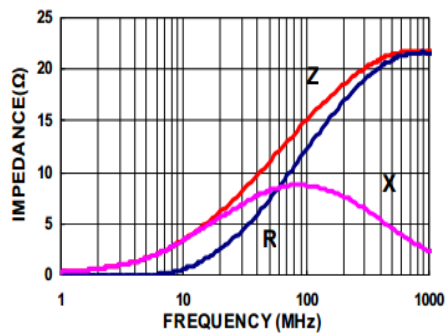
CVB2012 P TYPE

Part Number	Impedance ($\Omega \pm 25\%$)	Test Frequency (MHz)	RDC (Ω) Max	Rated current (mA) Max
CVB2012P150T	15	100	0.012	6000
CVB2012P220T	22	100	0.012	6000
CVB2012P300T	30	100	0.012	6000
CVB2012P500T	50	100	0.015	6000
CVB2012P600T	60	100	0.018	6000
CVB2012P800T	80	100	0.02	6000
CVB2012P101T	100	100	0.02	5000
CVB2012P121T	120	100	0.02	5000
CVB2012P201T	200	100	0.04	3000
CVB2012P221T	220	100	0.04	3000
CVB2012P301T	300	100	0.05	3000
CVB2012P331T	330	100	0.05	3000
CVB2012P601T	600	100	0.1	2300

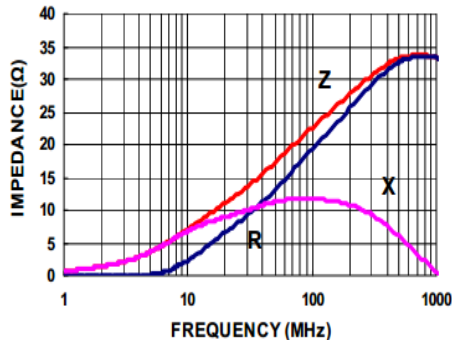


CVB2012 P TYPE

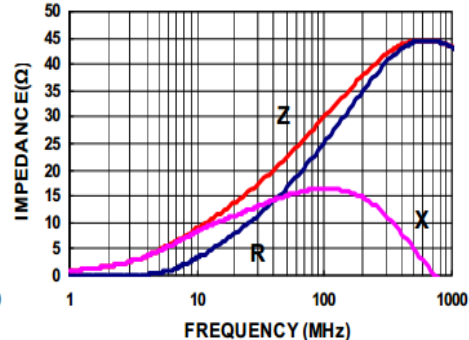
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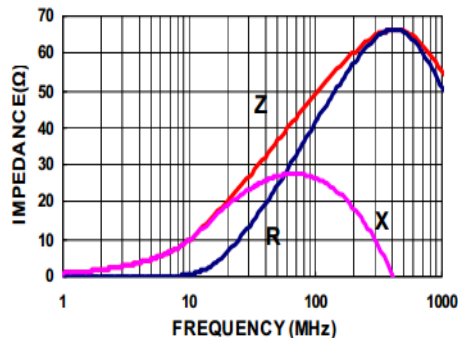
CVB2012P220T



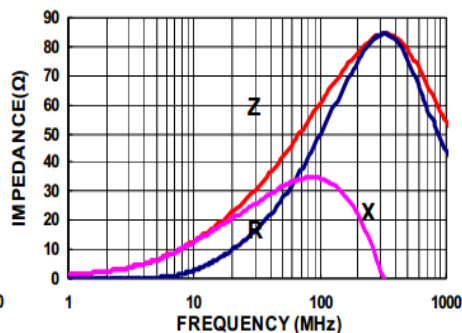
CVB2012P300T



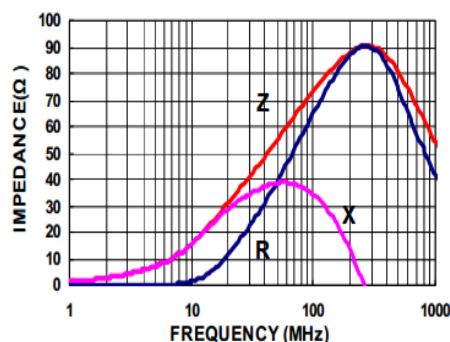
CVB2012P500T



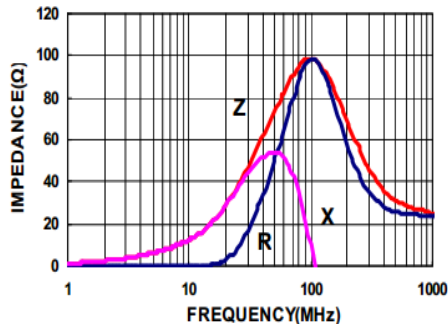
CVB2012P600T



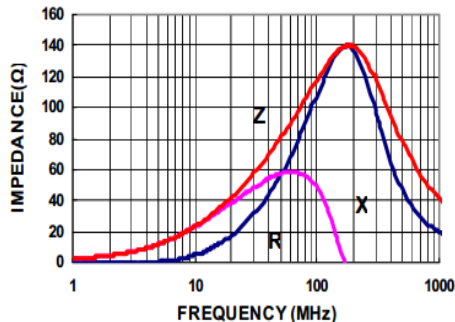
CVB2012P800T



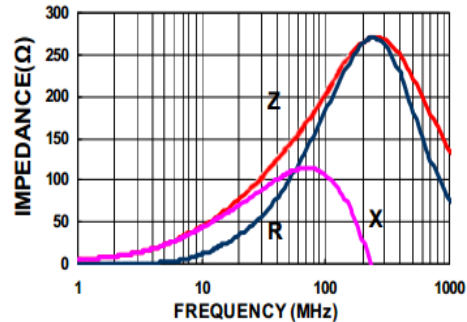
CVB2012P101T



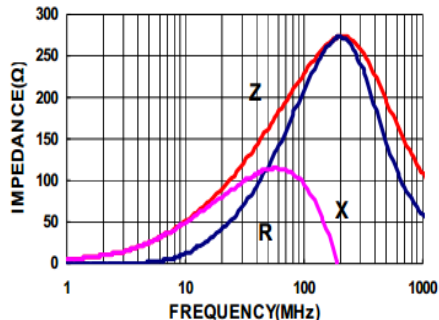
CVB2012P121T



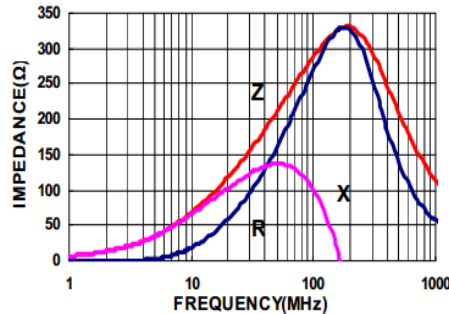
CVB2012P201T



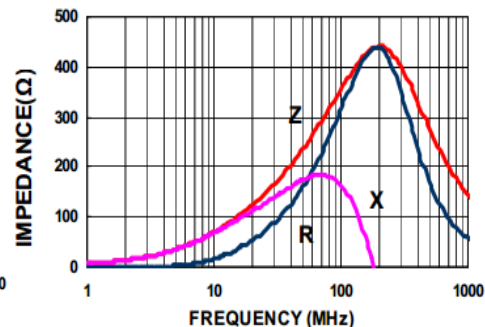
CVB2012P221T

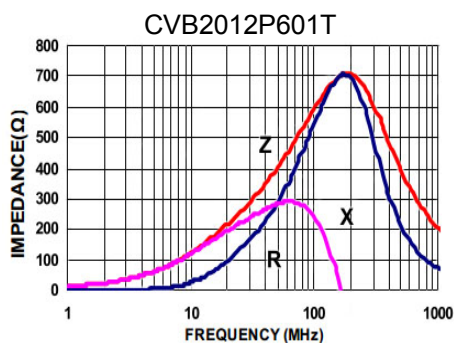


CVB2012P301T



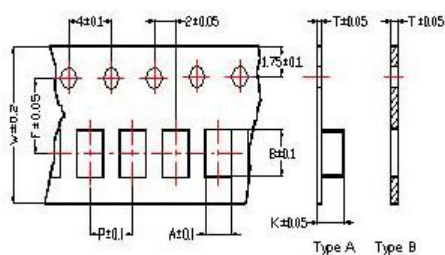
CVB2012P331T





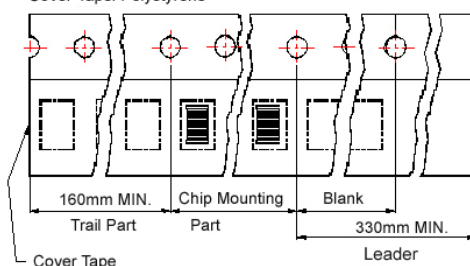
Packaging Specifications

Tape Dimensions

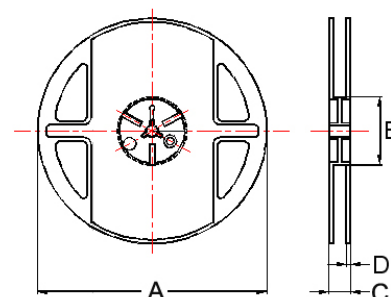


Tape Material

Carrier Tape: Polycarbonate (Tape A)
Carrier Tape: Paper (Tape B)
Cover Tape: Polystyrene



Reel Dimensions



Dimensions in mm

TYPE	Tape Dimensions								Reel Dimensions				Quantity PCS / REEL
	A	B	T	W	P	F	K	Tape	A	B	C	D	
1005	0.65	1.15	0.60	8.0	2.0	3.5	-	B	178	60	12	2	10000
1608	1.05	1.85	0.60	8.0	4.0	3.5	-	B	178	60	12	2	4000
2012	1.50	2.30	0.97	8.0	4.0	3.5	-	B	178	60	12	2	4000
3216	1.88	3.50	0.22	8.0	4.0	3.5	1.27	A	178	60	12	2	3000