

Ferrite chip bead Arrays

OPERATING TEMP.	-40 ~ +85
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FEATURES

- Combine beads with the same dimension into one, suitable for SMT with higher density and efficiency.
- Super impedance frequency within the relatively wide range of frequency, providing excellent suppression to all kinds of noises.
- Monolithic designing, minimizing disturbance from magnetic shield and circuit nearby.
- Used in reflow or wave soldering.

APPLICATIONS

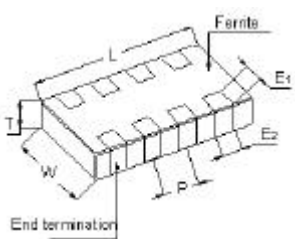
- Applied in HDTV, computer I/O wire, peripheral wire of LCD, printer, facsimile and so on.

ORDERING CODE

CBA	321609	-	4	U	310	T
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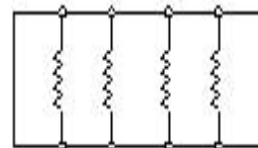
Product Code		Dimensions (L x W x T) (mm)		Circuit Num.		Material Code	Impedance ()		Packaging Style	
CBA	Multilayer Chip Beads Array	321609	3.2x1.6x0.9	Example		U料	Example		T	Tape & Reel
				4	4 circuits		310	31	B	Bulk
							601	600		

DIMENSIONS& EQUIVALENT CIRCUIT



unit : mm

L	W	T
3.2±0.2	1.6±0.2	0.9±0.1
E ₁	E ₂	P
0.35±0.2	0.3±0.2	0.8±0.1

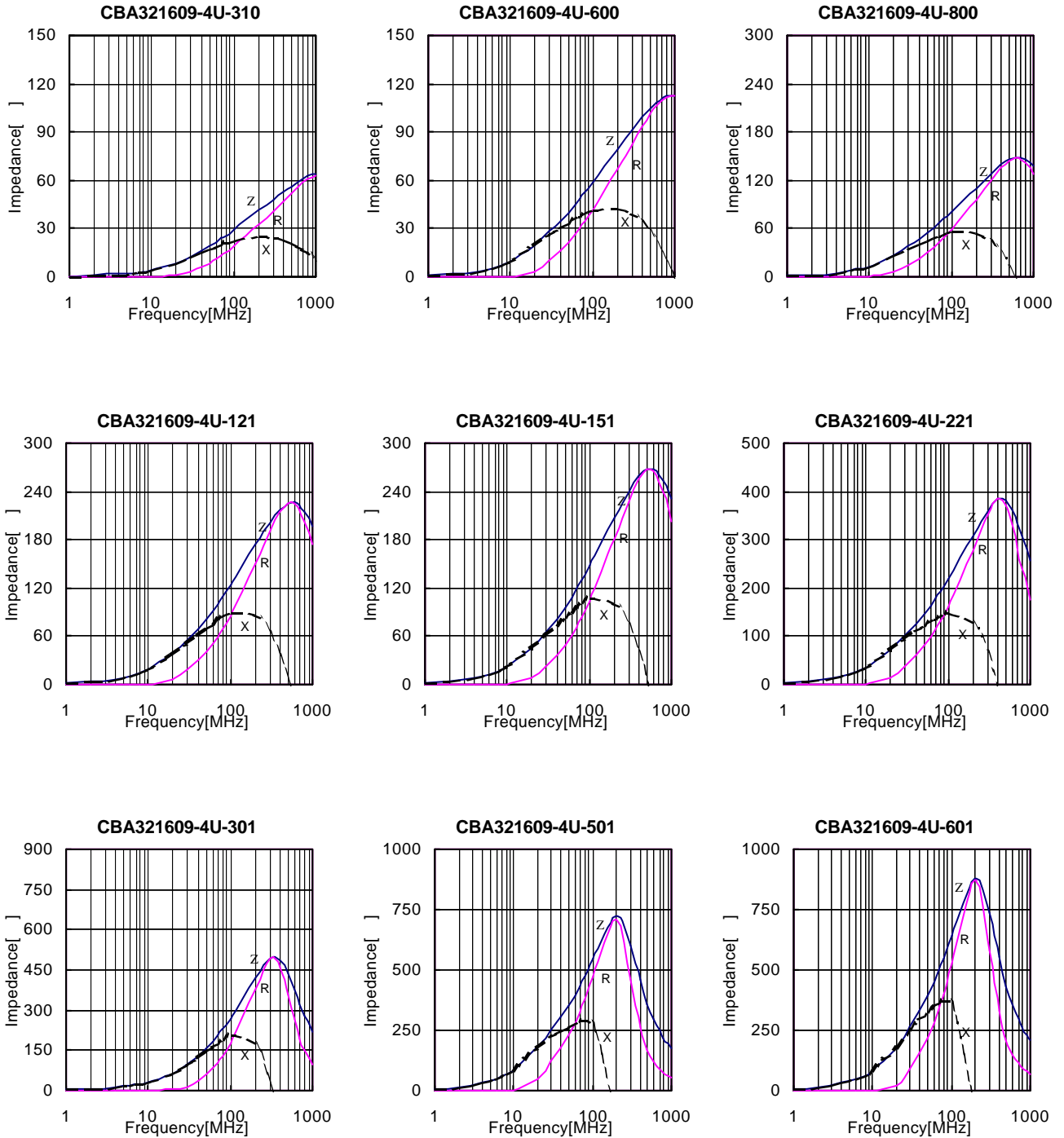


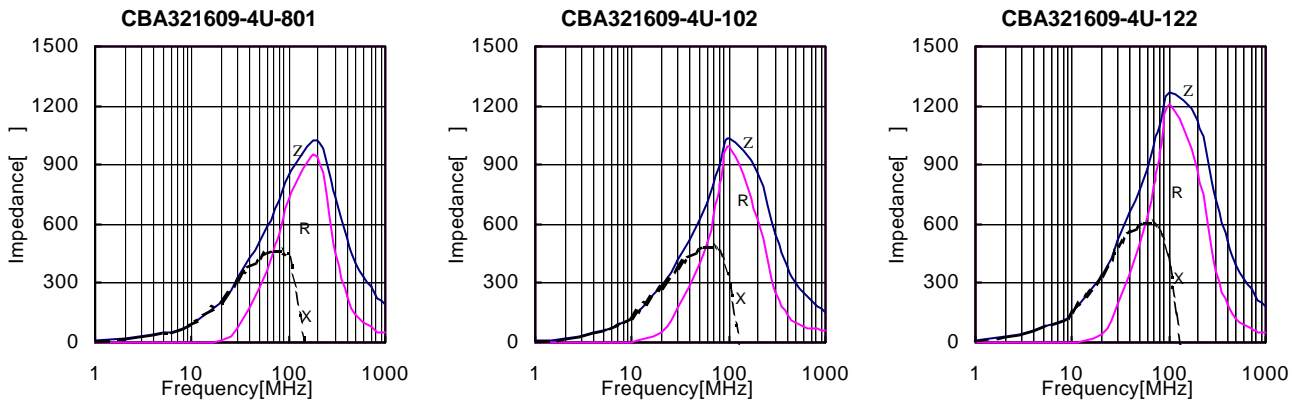
ELECTRICAL CHARACTERISTICS

Part No.	Impedance ()At 100MHz	DCR ()Max	Ir (mA)Max
CBA321609—4U—310	31	0.10	500
CBA321609—4U—600	60	0.15	500
CBA321609—4U—800	80	0.20	500
CBA321609—4U—121	120	0.35	500
CBA321609—4U—151	150	0.35	500
CBA321609—4U—221	220	0.45	300
CBA321609—4U—301	300	0.50	250
CBA321609—4U—501	500	0.60	200

Part No.	Impedance () At 100MHz	DCR () Max	Ir (mA)Max
CBA321609—4U—601	600	0.70	200
CBA321609—4U—801	800	0.70	100
CBA321609—4U—102	1000	0.80	50
CBA321609—4U—122	1200	0.90	50

CHARACTERISTICS CURVES





PACKAGING

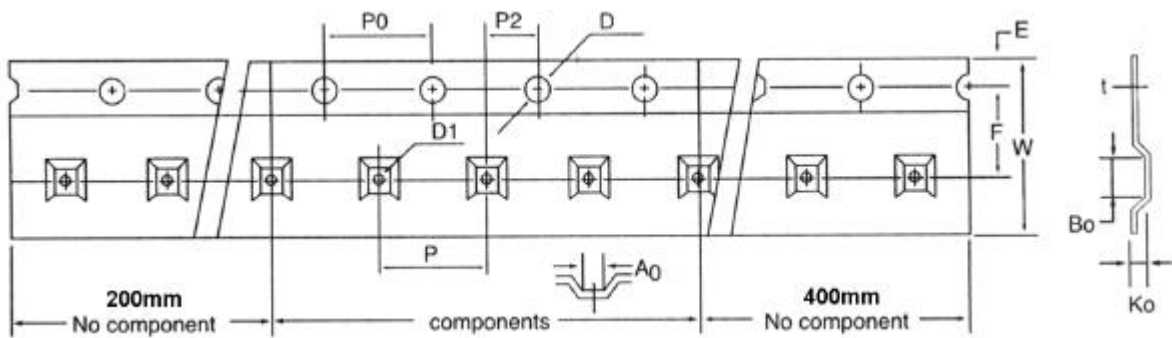
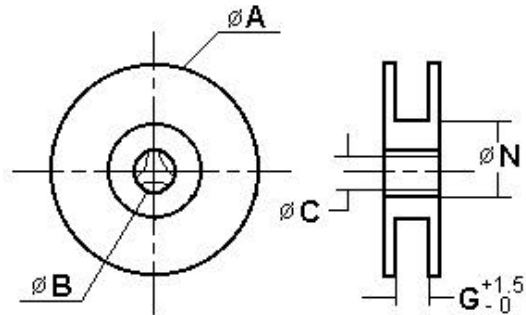
PACKAGING NUMBER

Pcs/Reel	3000	Pcs/Box	15000	Pcs/Case	180000
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Embossed Carrier

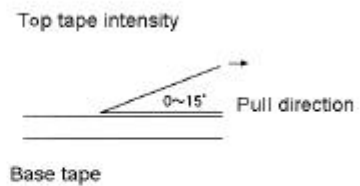
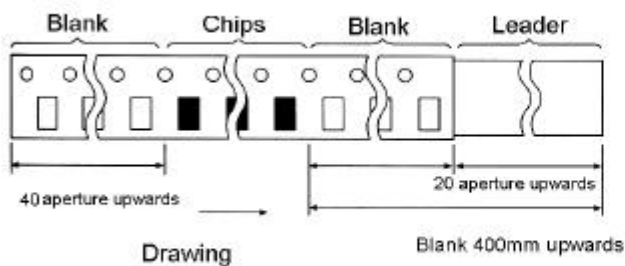
单位 unit : mm

	A	B	C	N	G
CF-8	178 1/-2.0	22.0 1/-2.0	12.5 1/-1.5	67 1/-2.0	8



unit : mm

W	P	E	F	D	D1	t
8.1+/-0.2	4.0+/-0.10	1.75+/-0.10	3.50+/-0.10	1.55+/-0.05	1.50 ^{+0.25} ₀	0.23+/-0.10
P ₀	P ₀ 10	P2	A ₀	B ₀	K ₀	
4.0+/-0.10	40.0+/-0.20	2.0+/-0.05	1.85+/-0.10	3.50+/-0.10	1.10+/-0.10	



Peeling force should be 0.1~0.7N pulling in the direction of arrow.