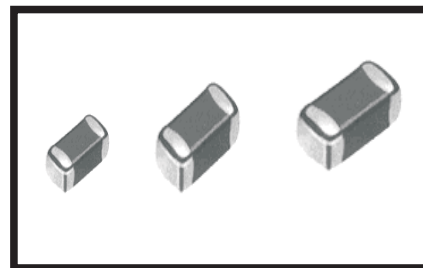


鐵氧體疊層片式磁珠 (尖峰型)
 FERRITE CHIP BEADS

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OPERATING TEMP.	-40~+85°C
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● 特征 FEATURES

- 良好的可焊性，適合于回流焊和波峰焊。
- 無引綫結構，適合于自動貼片安裝。
- 無機材料，獨石結構，具有高度可靠性。
- Excellent solderability and high heat resistance for either reflow or wave soldering.
- No lead, ideal for SMT.
- Monolithic inorganic material construction for high reliability.

● 應用 APPLICATIONS

- 計算機及其外圍總綫、通訊設備、數字視聽產品和攝錄一體機。
- Computers and peripherals, Communication equipments, digital TV sets, VTRS.

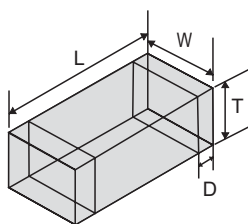
● 產品規格型號的表示方法 ORDERING CODE

CBY 201209 A 121 T
 ① ② ③ ④ ⑤

① 產品代號 Product Code		② 規格尺寸(L×W×T) (mm) Dimensions		③ 材料代號 Material Code	④ 阻抗(Ω) Impedance		⑤ 包裝方式 Packaging Style	
CBY	尖峰型磁珠 Sharp Type Beads	100505	1.0×0.5×0.5	A	實例 Example		T	卷帶盤裝 Tape & Reel
		160808	1.6×0.8×0.8		110	11	B	散裝 Bulk
		201209	2.0×1.2×0.9		121	120		
		321609	3.2×1.6×0.9		221	220		

● 外形尺寸 SHAPE AND DIMENSIONS

unit: mm(inch)



Part No.	L	W	T	D
100505 (0402)	1.0±0.15 (0.040±0.006)	0.5±0.15 (0.020±0.006)	0.5±0.15 (0.020±0.006)	0.25±0.10 (0.010±0.004)
160808 (0603)	1.6±0.2 (0.063±0.008)	0.8±0.2 (0.031±0.008)	0.8±0.2 (0.031±0.008)	0.3±0.2 (0.01±0.008)
201209 (0805)	2.0±0.2 (0.079±0.008)	1.2±0.2 (0.047±0.008)	0.9±0.2 (0.031±0.008)	0.5±0.3 (0.020±0.012)
321609 (1206)	3.2±0.2 (0.126±0.008)	1.6±0.2 (0.063±0.008)	0.9±0.2 (0.035±0.008)	0.5±0.3 (0.020±0.012)

• 電性能參數 ELECTRICAL CHARACTERISTICS
1005 TYPE

Part No.	Impedance(Ω) At 100MHz	DCR (Ω)Max	I _r (mA)Max
CBY100505U070	0~11	0.10	300
CBY100505U190	12~25	0.10	300
CBY100505U260	26 \pm 25%	0.20	300
CBY100505U310	31 \pm 25%	0.20	300
CBY100505U600	60 \pm 25%	0.35	200
CBY100505U101	100 \pm 25%	0.50	150
CBY100505U121	120 \pm 25%	0.50	150
CBY100505U151	150 \pm 25%	0.55	150
CBY100505U221	220 \pm 25%	0.70	150
CBY100505U301	300 \pm 25%	0.80	100
CBY100505U501	500 \pm 25%	1.10	100
CBY100505U601	600 \pm 25%	1.30	100
CBY100505U801	800 \pm 25%	1.40	50

1608 TYPE

Part No.	Impedance(Ω) At 100MHz	DCR (Ω)Max	I _r (mA)Max
CBY160808A070	0~11	0.10	600
CBY160808A110	7~15	0.20	500
CBY160808A260	26 \pm 25%	0.25	400
CBY160808A310	31 \pm 25%	0.25	400
CBY160808A500	50 \pm 25%	0.30	300
CBY160808A700	70 \pm 25%	0.30	300
CBY160808A800	80 \pm 25%	0.30	300
CBY160808A101	100 \pm 25%	0.35	200
CBY160808A121	120 \pm 25%	0.35	200
CBY160808A151	150 \pm 25%	0.35	200
CBY160808A181	180 \pm 25%	0.40	200
CBY160808A221	220 \pm 25%	0.40	200
CBY160808A301	300 \pm 25%	0.50	150
CBY160808A501	500 \pm 25%	0.60	150
CBY160808A601	600 \pm 25%	0.70	100
CBY160808A801	800 \pm 25%	0.80	100
CBY160808A102	1000 \pm 25%	0.90	100
CBY160808A122	1200 \pm 25%	1.00	100

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2012 TYPE

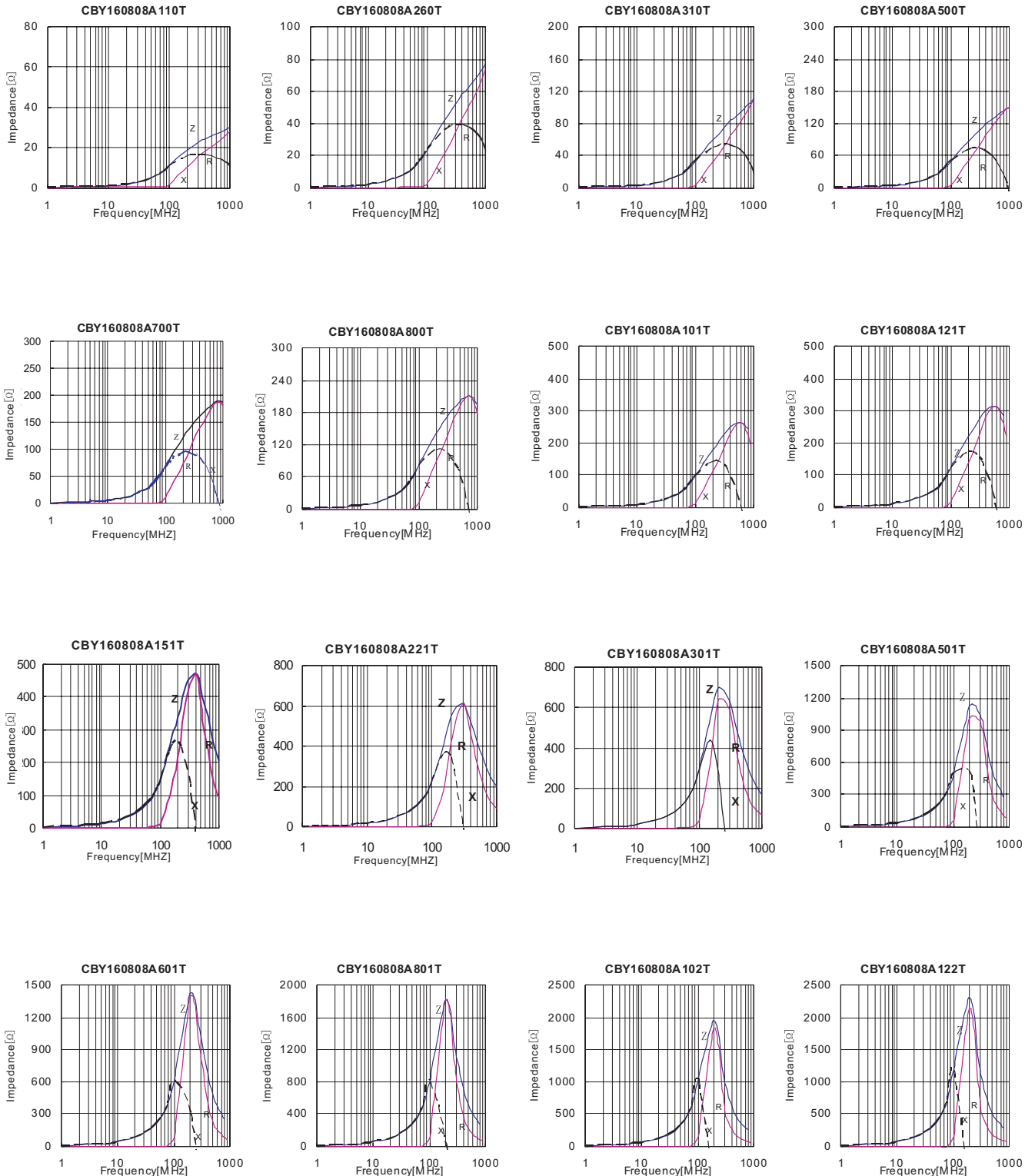
Part No.	Impedance(Ω) At 100MHz	DCR (Ω)Max	Ir (mA)Max
CBY201209A110	7~15	0.15	600
CBY201209A190	12~25	0.15	600
CBY201209A260	26 \pm 25%	0.20	400
CBY201209A310	31 \pm 25%	0.20	400
CBY201209A500	50 \pm 25%	0.25	400
CBY201209A600	60 \pm 25%	0.25	400
CBY201209A800	80 \pm 25%	0.25	400
CBY201209A121	120 \pm 25%	0.25	300
CBY201209A151	150 \pm 25%	0.25	300
CBY201209A181	180 \pm 25%	0.30	300
CBY201209A221	220 \pm 25%	0.30	300
CBY201209A301	300 \pm 25%	0.30	200
CBY201209A501	500 \pm 25%	0.35	200
CBY201209A601	600 \pm 25%	0.40	200
CBY201209A801	800 \pm 25%	0.45	150
CBY201209A102	1000 \pm 25%	0.50	100
CBY201209A122	1200 \pm 25%	0.60	100
CBY201209A152	1500 \pm 25%	0.70	50

3216 TYPE

Part No.	Impedance(Ω) At 100MHz	DCR (Ω)Max	Ir (mA)Max
CBY321609A190	12~25	0.10	500
CBY321609A260	26 \pm 25%	0.10	500
CBY321609A310	31 \pm 25%	0.10	500
CBY321609A700	70 \pm 25%	0.20	400
CBY321609A800	80 \pm 25%	0.20	300
CBY321609A101	100 \pm 25%	0.30	300
CBY321609A121	120 \pm 25%	0.30	300
CBY321609A151	150 \pm 25%	0.30	300
CBY321609A221	220 \pm 25%	0.30	300
CBY321609A301	300 \pm 25%	0.35	300
CBY321609A501	500 \pm 25%	0.35	200
CBY321609A601	600 \pm 25%	0.35	200
CBY321609A801	800 \pm 25%	0.40	200
CBY321609A102	1000 \pm 25%	0.50	200
CBY321609A122	1200 \pm 25%	0.60	100
CBY321609A202	2000 \pm 25% @ 50MHz	1.00	50

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1608 SERIES

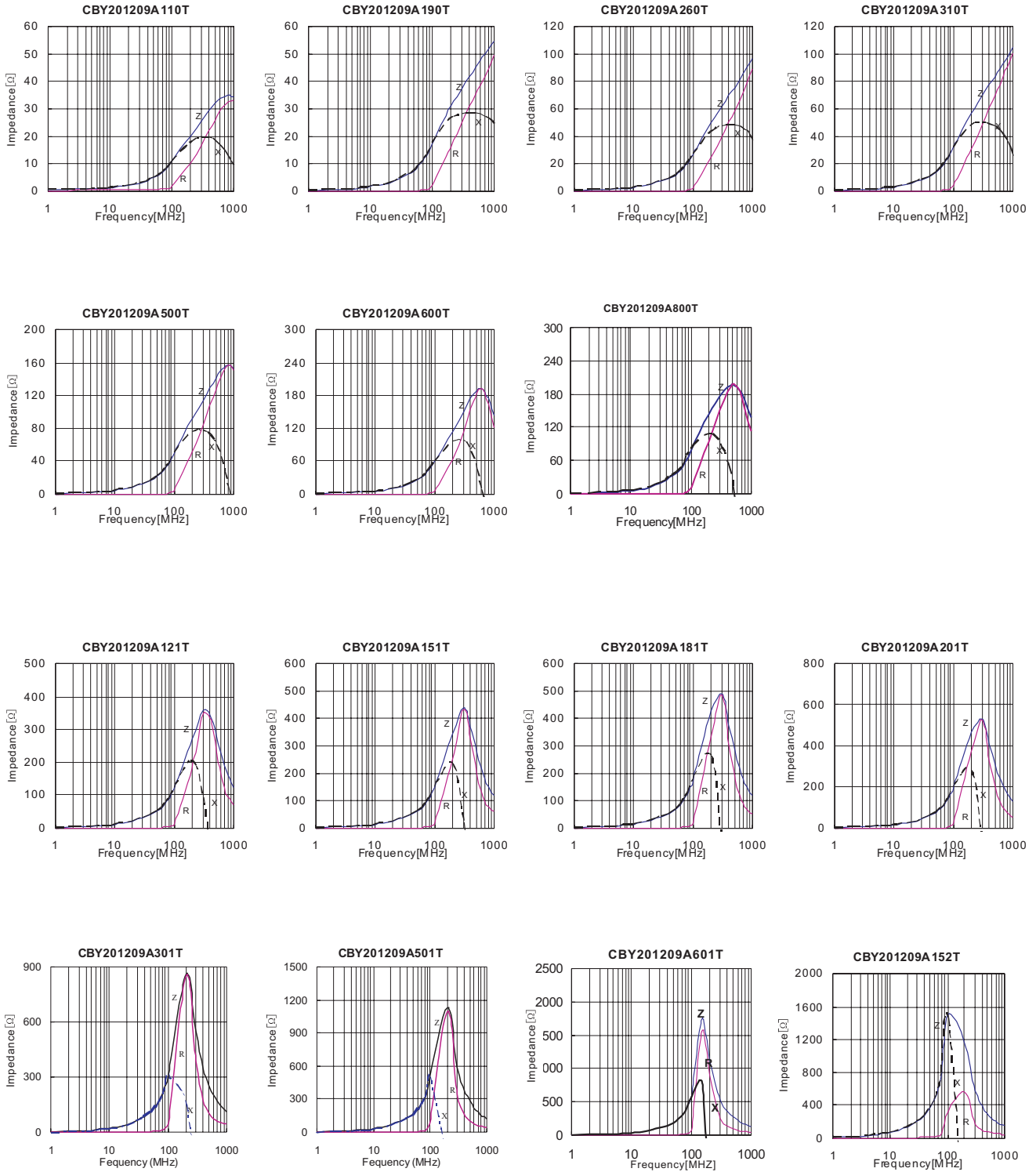


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 南京南山半导体有限公司

2012 SERIES



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