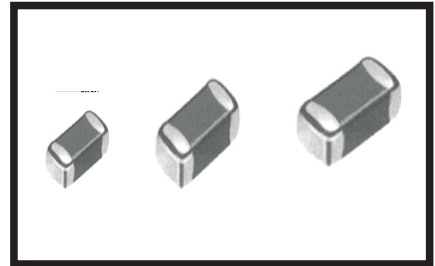


# 鐵氧體疊層片式磁珠 (尖峰型) FERRITE CHIP BEADS

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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

$\frac{CBY}{①}$      $\frac{201209}{②}$      $\frac{A}{③}$      $\frac{121}{④}$      $\frac{T}{⑤}$

①

產品代號 Product Code	
CBY	尖峰型磁珠 Sharp Type Beads

②

規格尺寸(L×W×T) (mm) Dimensions	
100505	1.0×0.5×0.5
160808	1.6×0.8×0.8
201209	2.0×1.2×0.9
321609	3.2×1.6×0.9

③

材料代號 Material Code
A

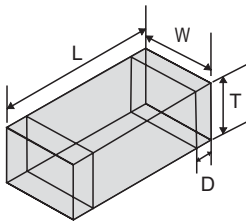
④

阻抗(Ω) Impedance	
實例 Example	
110	11
121	120
221	220

⑤

包裝方式 Packaging Style	
T	卷帶盤裝 Tape & Reel
B	散裝 Bulk

### ● 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( $\Omega$ ) At 100MHz	DCR ( $\Omega$ )Max	I <sub>r</sub> (mA)Max
CBY100505A070	0~11	0.10	300
CBY100505A190	12~25	0.10	300
CBY100505A260	26 ± 25%	0.20	300
CBY100505A310	31 ± 25%	0.20	300
CBY100505A600	60 ± 25%	0.35	200
CBY100505A101	100 ± 25%	0.50	150
CBY100505A121	120 ± 25%	0.50	150
CBY100505A151	150 ± 25%	0.55	150
CBY100505A221	220 ± 25%	0.70	150
CBY100505A301	300 ± 25%	0.80	100
CBY100505A501	500 ± 25%	1.10	100
CBY100505A601	600 ± 25%	1.30	100
CBY100505A801	800 ± 25%	1.40	50

1608 TYPE

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

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2012 TYPE

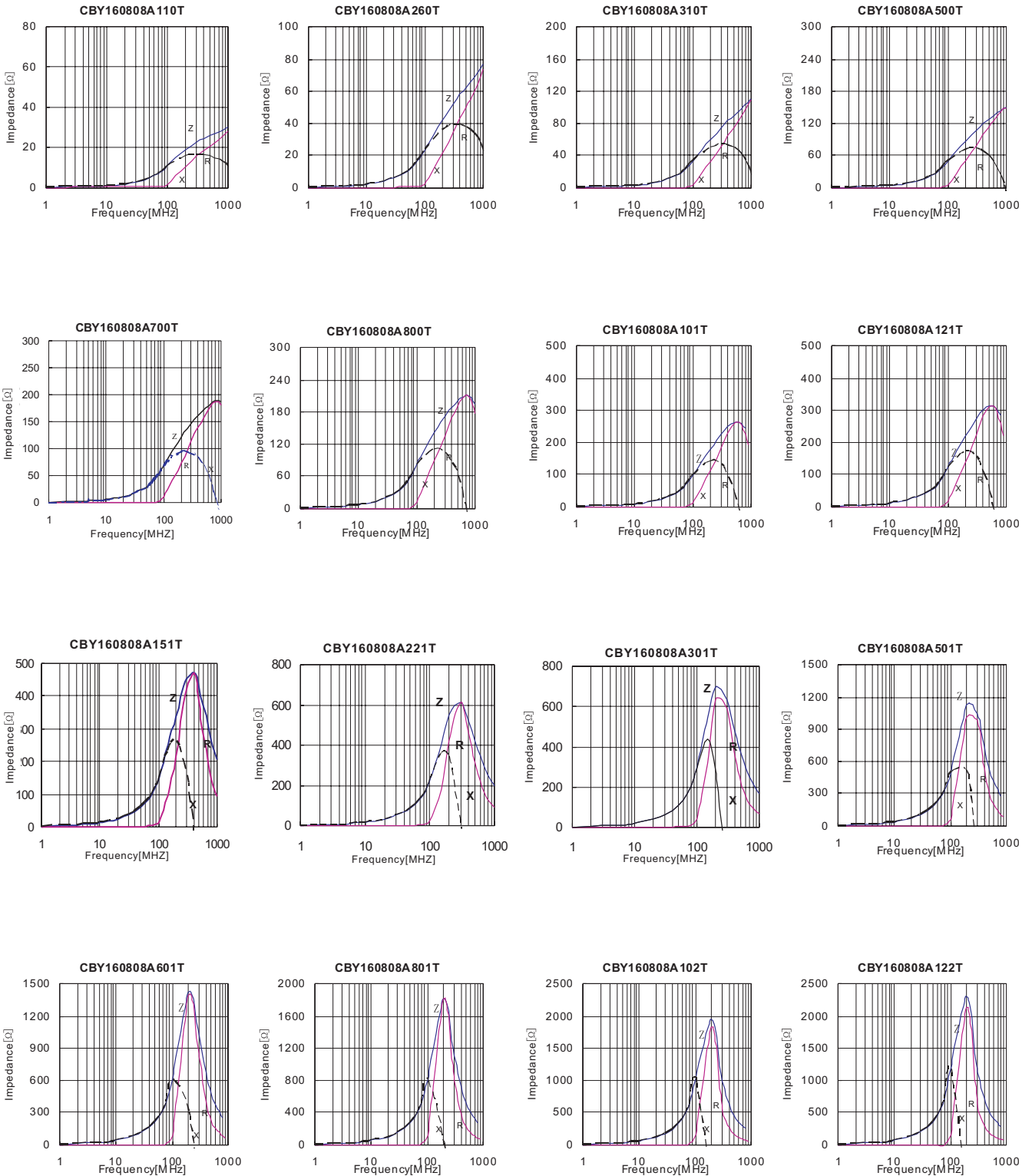
Part No.	Impedance( $\Omega$ ) At 100MHz	DCR ( $\Omega$ )Max	Ir (mA)Max
CBY201209A110	7~15	0.15	600
CBY201209A190	12~25	0.15	600
CBY201209A260	26 $\pm$ 25%	0.20	400
CBY201209A310	31 $\pm$ 25%	0.20	400
CBY201209A500	50 $\pm$ 25%	0.25	400
CBY201209A600	60 $\pm$ 25%	0.25	400
CBY201209A800	80 $\pm$ 25%	0.25	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( $\Omega$ ) At 100MHz	DCR ( $\Omega$ )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% $\text{\textcircled{a}}$ 50MHz	1.00	50

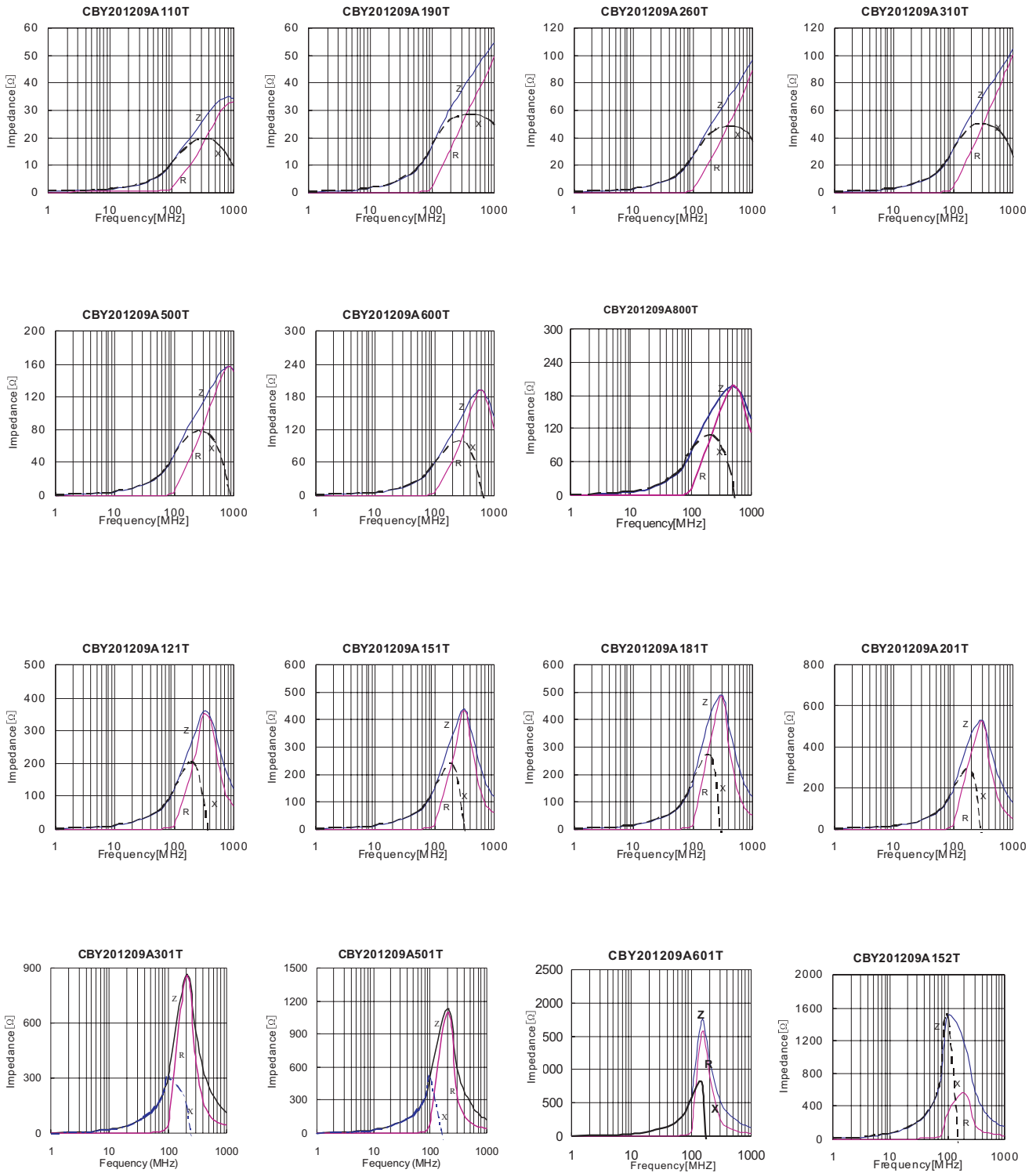
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1608 SERIES



鐵氧體疊層片式磁珠 (尖峰型)  
FERRITE CHIP BEADS

2012 SERIES



■ 鐵氧體疊層片式磁珠 (尖峰型)  
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3216 SERIES

