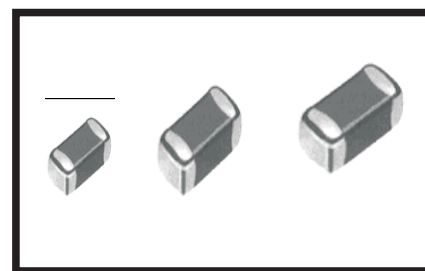


■ 鐵氧體疊層片式磁珠 (普通型)

FERRITE CHIP BEADS

OPERATING TEMP.	1005	-40~+85℃
	1608	
	2012	-40~+85℃



● 特征 FEATURES

- 在同樣的尺寸下較插裝磁珠可產生較高的阻抗值
- 與傳統的磁珠不同，片式磁珠無引線，只要簡單的安裝到PCB板上就可抑制EMI和RFI
- 磁珠的形狀和尺寸都符合EIA標準，可以利用SMT設備進行自動貼裝
- Under the same size, the multilayer chip beads produce higher impedance than plug-in beads.
- These CBG series have substantial EMI/RFI suppression by simply mounting them onto PCB
- Suitable EIA standard in shape and dimension of chip beads; Can be mounted automatically by SMT equipments.

● 應用 APPLICATIONS

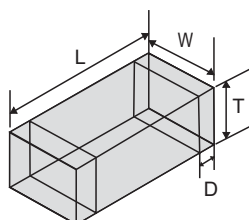
- 用于數據傳輸線、信號線、電源部分及回路的抗干擾。
- Redialed noise suppression on digital product clock lines, signal lines and suppression noise on circuit.

● 產品規格型號的表示方法 ORDERING CODE

CBG	201209	U	121	T			
①	②	③	④	⑤			
①		②	③	④	⑤		
產品代號 Product Code		規格尺寸(L×W×T) (mm) Dimensions		材料代號 Material Code	阻 抗(Ω) Impedance	包裝方式 Packaging Style	
CBG	疊層片式通 用型磁珠 Multilayer ordinary chip beads	100505	1.0×0.5×0.5	U	實例 Example	T 卷帶盤裝 Tape & Reel B 散裝 Bulk	
		160808	1.6×0.8×0.8		110		11
		201209	2.0×1.2×0.9		121		120
		321609	3.2×1.6×0.9		221		220
		322513	3.2×2.5×1.3		102		1000
		451616	4.5×1.6×1.6				
		453215	4.5×3.2×1.5				

● 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 (0.035±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)
322513 (1210)	3.2±0.2 (0.126±0.008)	2.5±0.2 (0.098±0.008)	1.3±0.2 (0.051±0.008)	0.5±0.3 (0.020±0.012)
451616 (1806)	4.5±0.2 (0.186±0.008)	1.6±0.2 (0.063±0.008)	1.6±0.2 (0.063±0.008)	0.5±0.3 (0.020±0.012)
453215 (1812)	4.5±0.2 (0.180±0.008)	3.2±0.2 (0.126±0.008)	1.5±0.2 (0.060±0.008)	0.5±0.3 (0.020±0.012)

鐵氧體疊層片式磁珠（普通型）
FERRITE CHIP BEADS

• 電性能參數 ELECTRICAL CHARACTERISTICS

1005 TYPE

型号 Part No.	阻抗 Impedance(Ω) At 100MHz	直流电阻 DCR (Ω)Max	额定电流 Ir (mA)Max
CBG100505U070	0~11	0.10	300
CBG100505U190	12~25	0.10	300
CBG100505U260	26±25%	0.15	300
CBG100505U310	31±25%	0.20	300
CBG100505U360	36±25%	0.20	300
CBG100505U600	60±25%	0.35	200
CBG100505U101	100±25%	0.50	150
CBG100505U121	120±25%	0.50	150
CBG100505U151	150±25%	0.55	150
CBG100505U201	200±25%	0.70	100
CBG100505U301	300±25%	0.80	100
CBG100505U501	500±25%	1.10	100
CBG100505U601	600±25%	1.30	100
CBG100505U801	800±25%	1.40	50
CBG100505U102	1000±25%	1.60	25
CBG100505U122	1200±25%	1.80	25

1608 TYPE

型号 Part No.	阻抗 Impedance(Ω) At 100MHz	直流电阻 DCR (Ω)Max	额定电流 Ir (mA)Max
CBG160808U070	0~11	0.10	800
CBG160808U150	9~21	0.10	800
CBG160808U310	31±25%	0.10	500
CBG160808U700	70±25%	0.20	300
CBG160808U800	80±25%	0.20	300
CBG160808U101	100±25%	0.20	300
CBG160808U121	120±25%	0.20	300
CBG160808U151	150±25%	0.30	300
CBG160808U181	180±25%	0.30	300
CBG160808U221	220±25%	0.30	300
CBG160808U301	300±25%	0.35	200
CBG160808U501	500±25%	0.50	200
CBG160808U601	600±25%	0.50	200
CBG160808U801	800±25%	0.60	200
CBG160808U102	1000±25%	0.60	200
CBG160808U122	1200±25%	0.85	100
CBG160808U152	1500±25%	0.85	50
CBG160808U182	1800±25%	1.10	50
CBG160808U202	2000±25%	1.10	50
CBG160808U222	2200±25%	1.20	50
CBG160808U252	2500±25%	1.30	50

2012 TYPE

型号 Part No.	阻抗 Impedance(Ω) At 100MHz	直流电阻 DCR (Ω)Max	额定电流 Ir (mA)Max
CBG201209U050	0~15	0.08	900
CBG201209U110	7~15	0.10	900
CBG201209U260	26±25%	0.10	900
CBG201209U310	31±25%	0.10	900
CBG201209U500	50±25%	0.15	900
CBG201209U600	60±25%	0.15	900
CBG201209U800	80±25%	0.18	500
CBG201209U101	100±25%	0.18	500
CBG201209U121	120±25%	0.20	500
CBG201209U151	150±25%	0.20	400
CBG201209U181	180±25%	0.20	400
CBG201209U221	220±25%	0.20	400
CBG201209U301	300±25%	0.25	400
CBG201209U501	500±25%	0.35	300
CBG201209U601	600±25%	0.35	300
CBG201209U801	800±25%	0.40	300
CBG201209U102	1000±25%	0.40	300
CBG201209U122	1200±25%	0.60	100
CBG201209U152	1500±25%	0.70	100
CBG201209U202	2000±25%	0.90	50
CBG201209U222	2200±25%	1.00	50
CBG201209U252*	2500±25%	1.20	50
CBG201209U272*	2700±25%	1.40	50

注：“*”型号规格测试频率为50MHZ。

3216 TYPE

型号 Part No.	阻抗 Impedance(Ω) At 100MHz	直流电阻 DCR (Ω)Max	额定电流 Ir (mA)Max
CBG321609U050	0~15	0.10	1000
CBG321609U110	7~15	0.10	1000
CBG321609U260	26±25%	0.10	1000
CBG321609U310	31±25%	0.10	1000
CBG321609U600	60±25%	0.15	1000
CBG321609U800	80±25%	0.15	1000
CBG321609U121	120±25%	0.15	1000
CBG321609U151	150±25%	0.20	800
CBG321609U181	180±25%	0.20	800
CBG321609U221	220±25%	0.20	800
CBG321609U301	300±25%	0.20	800
CBG321609U501	500±25%	0.30	600
CBG321609U601	600±25%	0.30	600
CBG321609U801	800±25%	0.35	400
CBG321609U102	1000±25%	0.35	400
CBG321609U122	1200±25%	0.60	100
CBG321609U152*	1500±25%	0.80	100
CBG321609U182*	1800±25%	0.90	80
CBG321609U202*	2000±25%	1.00	50
CBG321609U252*	2500±25%	1.20	50
CBG321609U272*	2700±25%	1.50	30
CBG321609U302*	3000±25%	1.50	30

注：“*”型号规格测试频率为50MHZ。

鐵氧體疊層片式磁珠（普通型）
FERRITE CHIP BEADS

3225 TYPE

型号 Part No.	阻抗 Impedance(Ω) At 100MHz	直流电阻 DCR (Ω)Max	额定电流 Ir (mA)Max
CBG322513U190	12~25	0.10	1000
CBG322513U260	26±25%	0.10	1000
CBG322513U310	31±25%	0.10	1000
CBG322513U600	60±25%	0.15	1000
CBG322513U800	80±25%	0.20	400
CBG322513U101	100±25%	0.20	400
CBG322513U121	120±25%	0.20	400
CBG322513U151	150±25%	0.30	400
CBG322513U181	180±25%	0.40	400
CBG322513U221	220±25%	0.40	400
CBG322513U301	300±25%	0.40	400
CBG322515U501	500±25%	0.40	300
CBG322513U601	600±25%	0.40	300
CBG322513U801	800±25%	0.40	300
CBG322513U102	1000±25%	0.40	300

4516 TYPE

型号 Part No.	阻抗 Impedance(Ω) At 100MHz	直流电阻 DCR (Ω)Max	额定电流 Ir (mA)Max
CBG451616U190	12~25	0.10	1000
CBG451616U260	26±25%	0.10	1000
CBG451616U310	31±25%	0.15	1000
CBG451616U600	60±25%	0.20	1000
CBG451616U700	70±25%	0.25	1000
CBG451616U800	80±25%	0.30	1000
CBG451616U900	90±25%	0.35	1000
CBG451616U121	120±25%	0.40	500
CBG451616U151	150±25%	0.40	500
CBG451616U221	220±25%	0.45	500
CBG451616U301	300±25%	0.45	500
CBG451616U501	500±25%	0.50	200
CBG451616U601	600±25%	0.50	200
CBG451616U801	800±25%	0.55	200

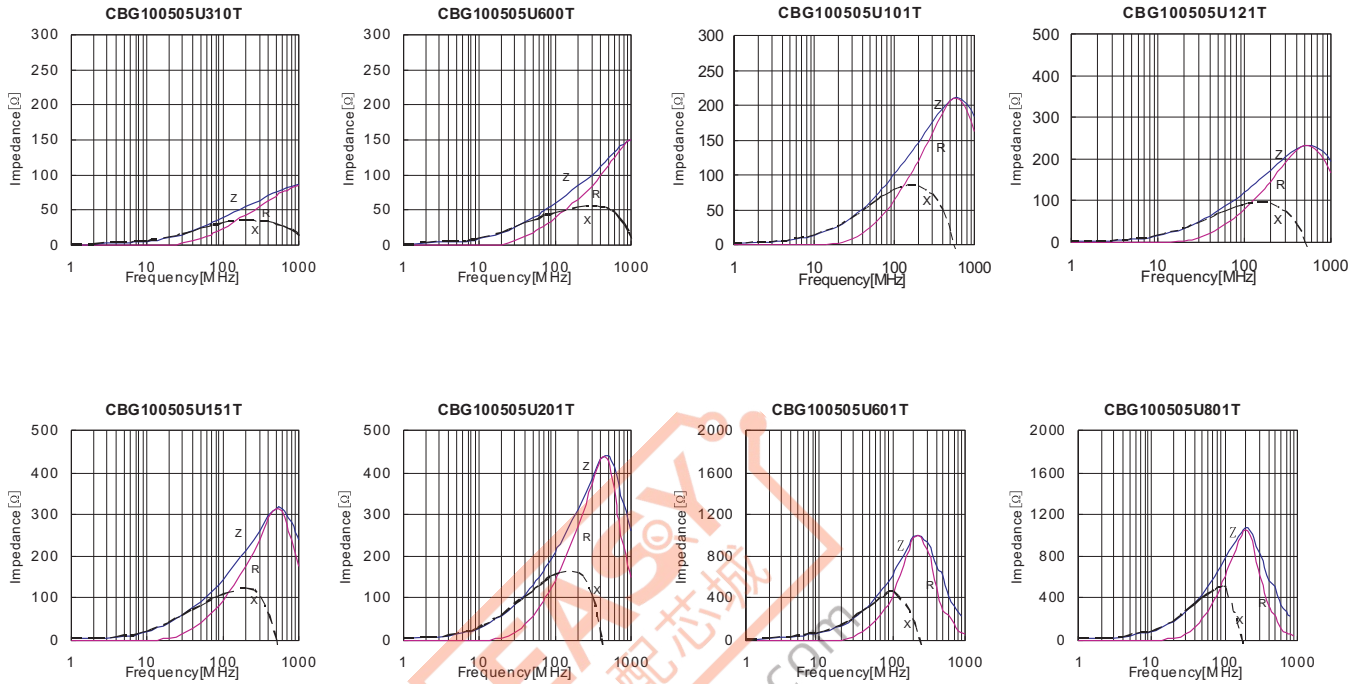
4532 TYPE

型号 Part No.	阻抗 Impedance(Ω) At 100MHz	直流电阻 DCR (Ω)Max	额定电流 Ir (mA)Max
CBG453215U190	12~25	0.10	1000
CBG453215U380	38±25%	0.15	1000
CBG453215U700	70±25%	0.20	1000
CBG453215U800	80±25%	0.20	1000
CBG453215U101	100±25%	0.20	500
CBG453215U121	120±25%	0.25	500
CBG453215U151	150±25%	0.25	500
CBG453215U221	220±25%	0.30	300
CBG453215U301	300±25%	0.30	300
CBG453215U601	600±25%	0.40	200

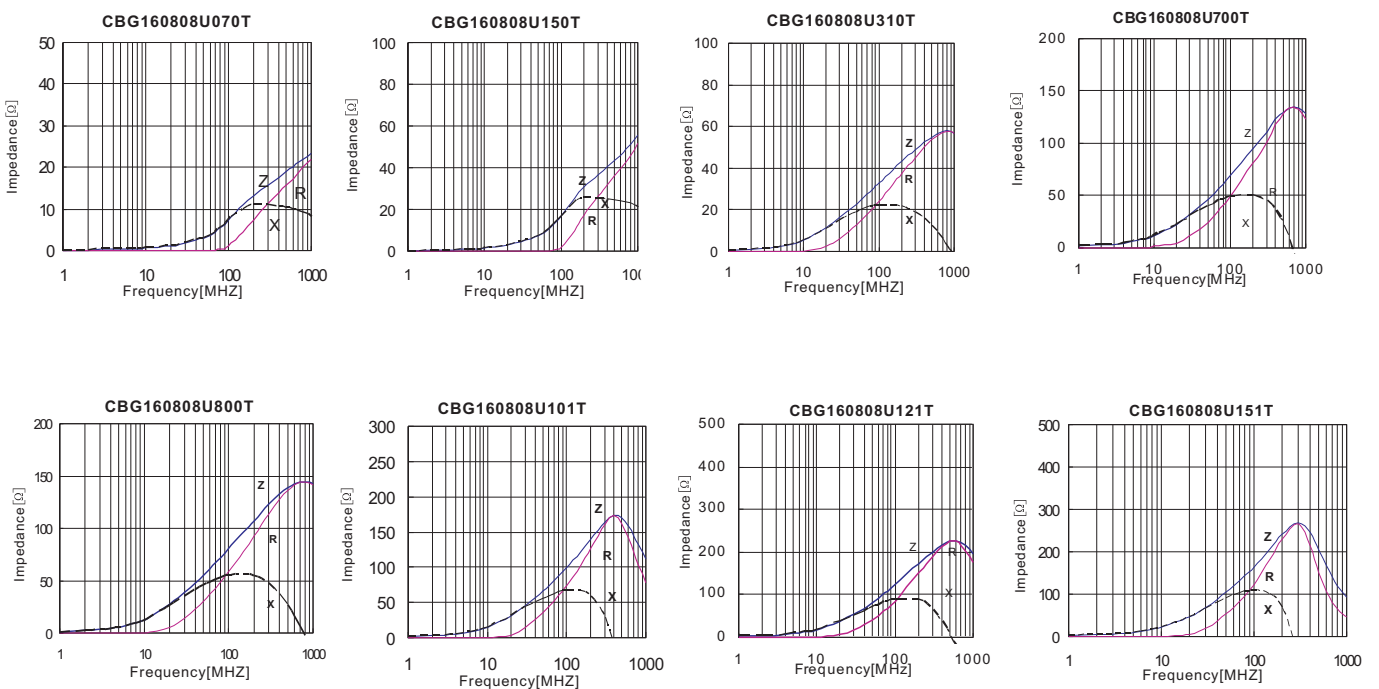
■ 鐵氧體疊層片式磁珠 (普通型)

FERRITE CHIP BEADS

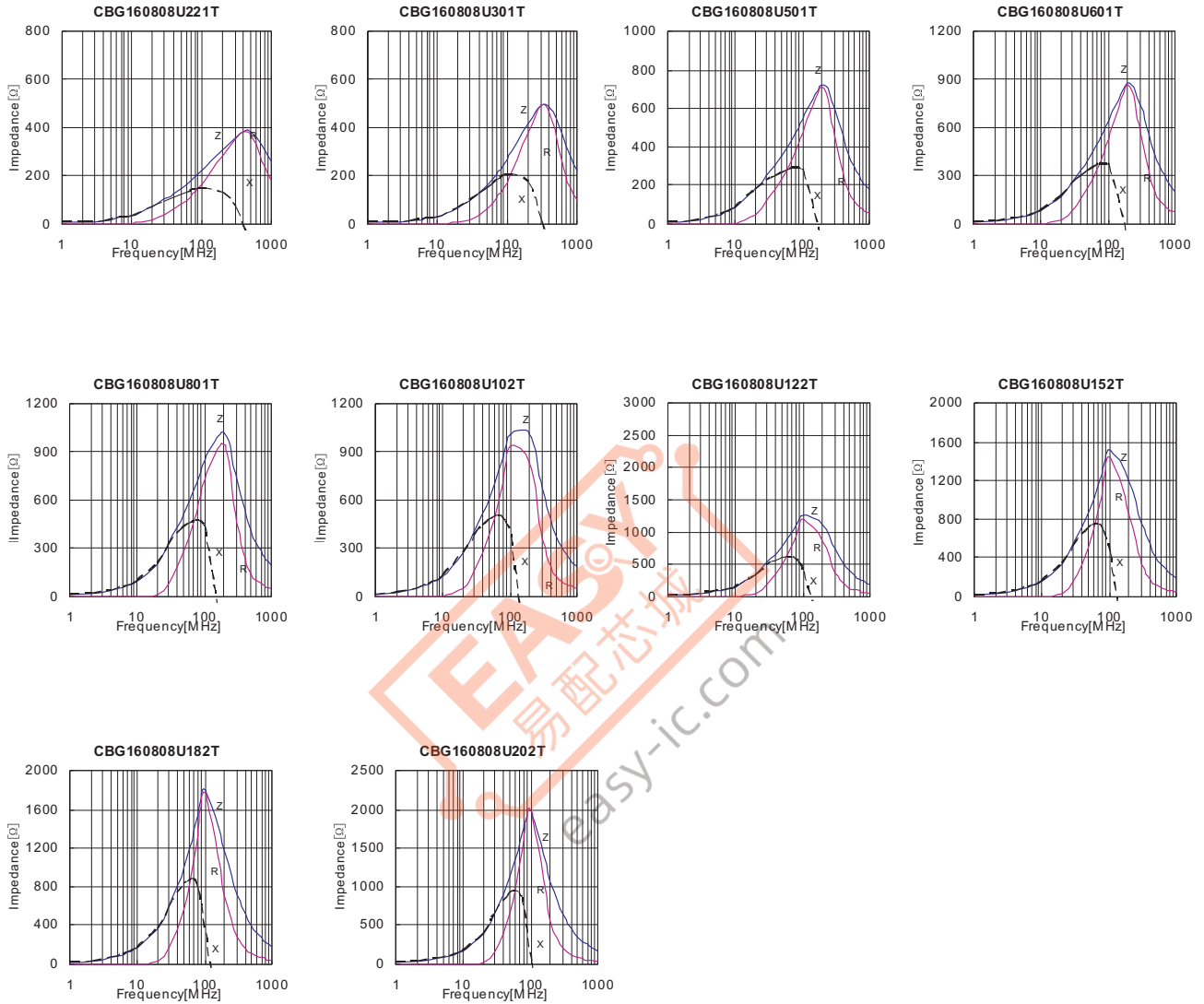
1005 SERIES



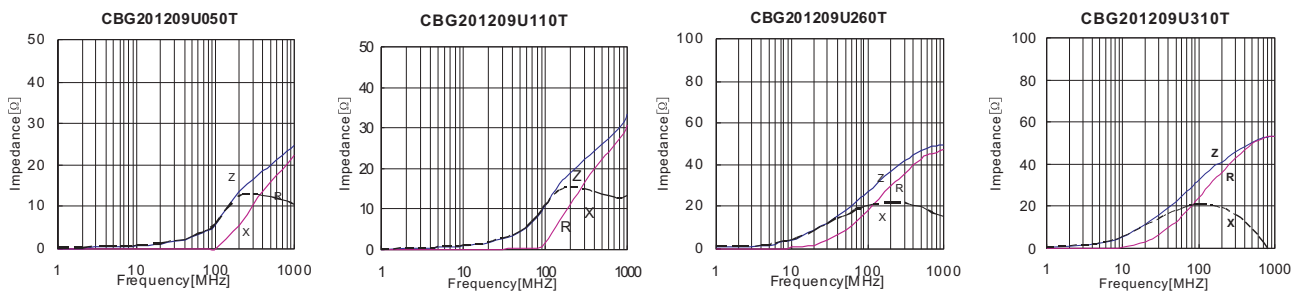
1608 SERIES



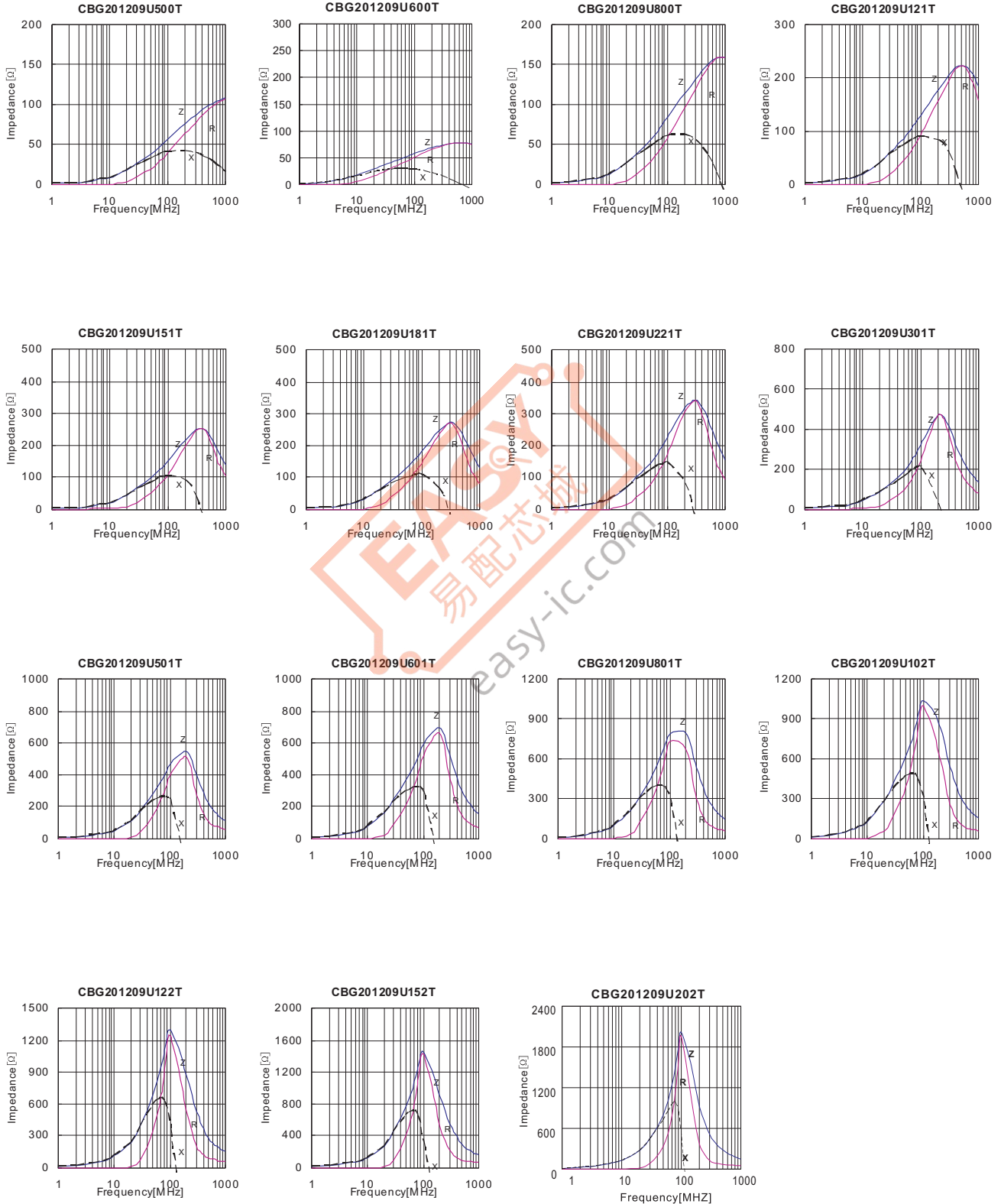
■ 鐵氧體疊層片式磁珠（普通型）
FERRITE CHIP BEADS



2012 SERIES

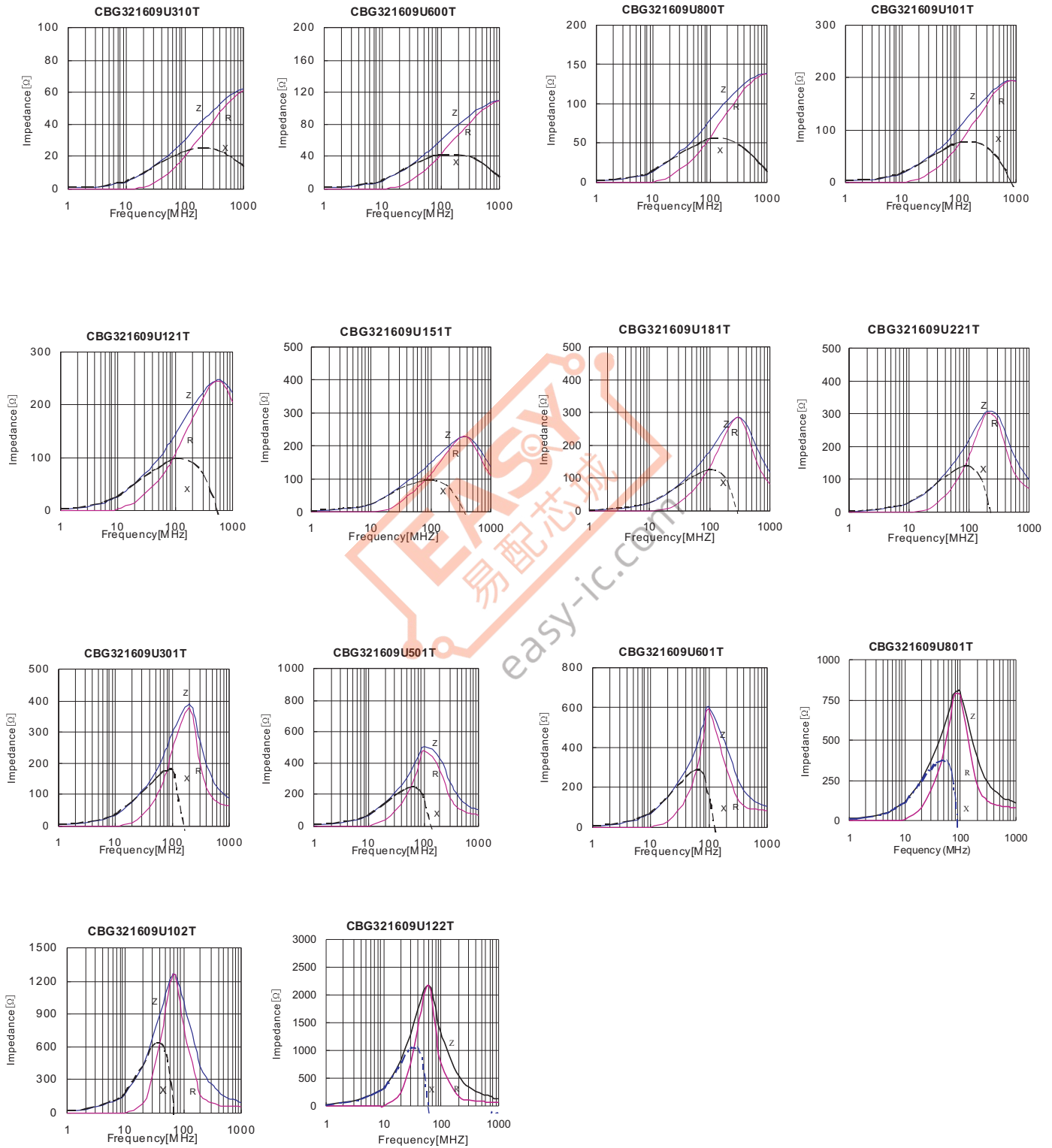


■ 鐵氧體疊層片式磁珠 (普通型)
FERRITE CHIP BEADS



■ 鐵氧體疊層片式磁珠（普通型）
FERRITE CHIP BEADS

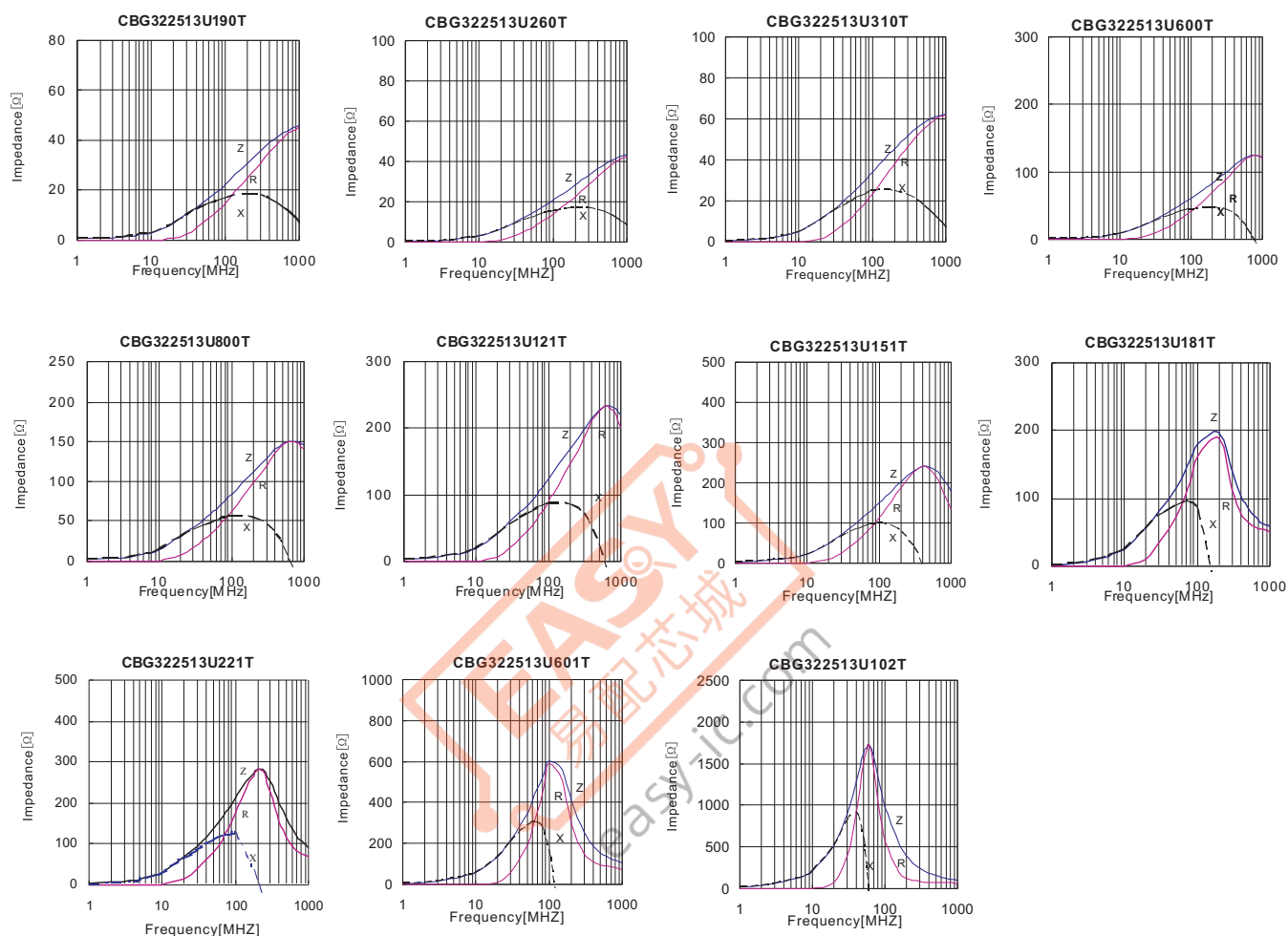
3216 SERIES



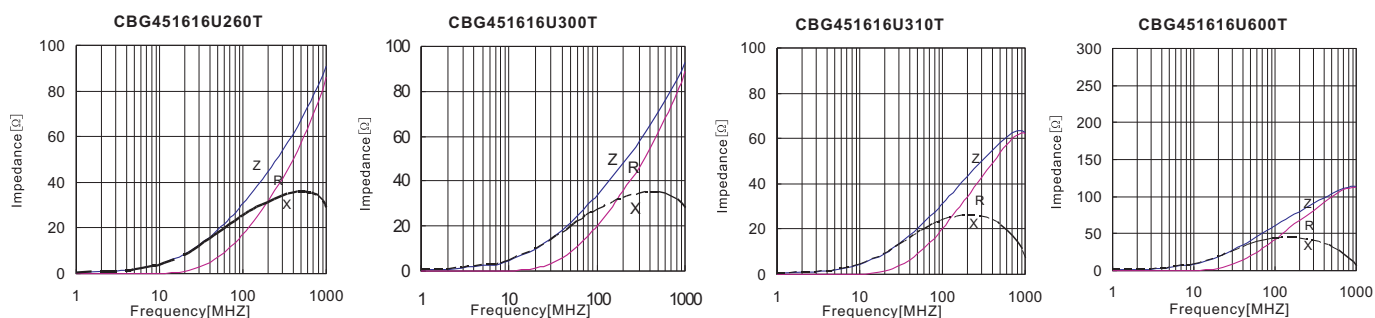
鐵氧體疊層片式磁珠 (普通型)

FERRITE CHIP BEADS

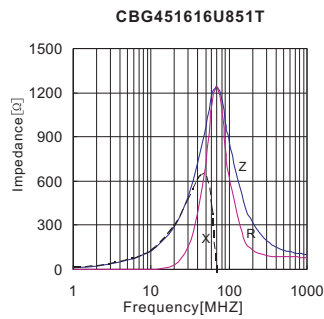
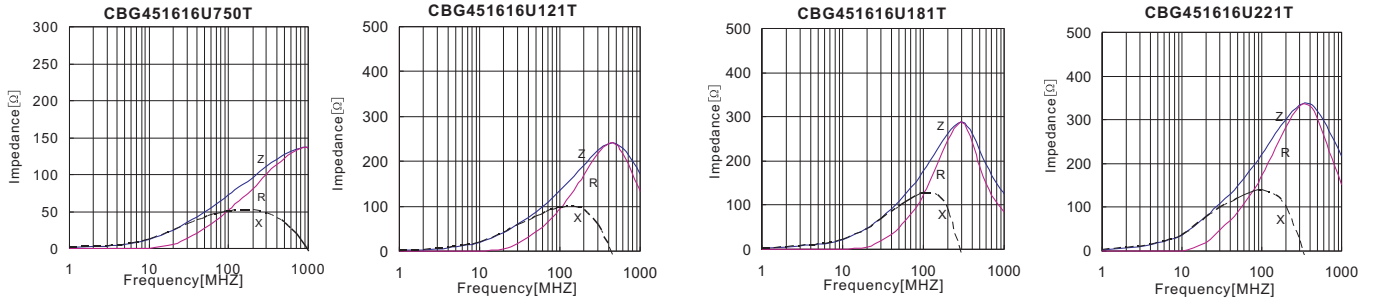
3225SERIES



4516SERIES



鐵氧體疊層片式磁珠（普通型）
FERRITE CHIP BEADS



4532SERIES

