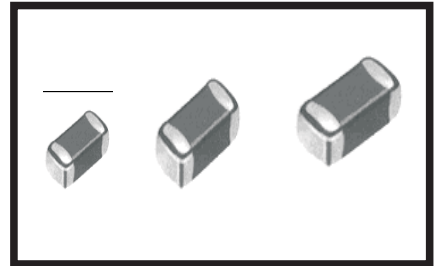


## ■ 鐵氧體疊層片式磁珠 ( 超大電流型 )

### FERRITE CHIP BEADS

OPERATING TEMP.	-40~+85°C
-----------------	-----------



#### ● 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，片式磁珠無引綫，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。
- A unique terminal electrode structure ensures ensures permissible current 6.0A (max).
- High impedance and EMI suppression effective over a wide frequency range.
- Suitable reflow and wave soldering.

#### ● 應用APPLICATIONS

- 用于數據傳輸綫、信號綫、電源部分及回路的抗干擾。
- Digital videos、communication equipment、OA equipment and others.

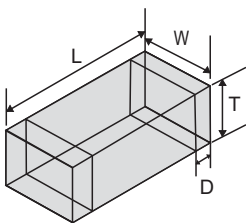
#### ● 產品規格型號的表示方法 ORDERING CODE

MCB	201209	U	121	T
①	②	③	④	⑤

① 產品代號 Product Code		② 規格尺寸 (LXWXT) (mm) Dimensions		③ 材料代號 Material Code	④ 阻抗(Ω) Impedance		⑤ 包裝方式 Packaging Style	
MCB	超大電流磁珠 MULTILAYER CHIP POWER BEADS	100505	1.0×0.5×0.5	U	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		300	30		
		321609	3.2×1.6×0.9		102	1000		
		322513	3.2×2.5×1.3					
		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)

• 電性能參數 ELECTRICAL CHARACTERISTICS

1005 TYPE

型號 Part No.	阻抗 Impedance( $\Omega$ ) At 100MHz	直流電阻 DCR ( $\Omega$ )Max	額定電流 Ir (A)Max
MCB100505U070T	0~11	0.05	1.8
MCB100505U190T	12~25	0.06	1.5
MCB100505U260T	26 $\pm$ 25%	0.08	1.3
MCB100505U300T	30 $\pm$ 25%	0.08	1.3
MCB100505U600T	60 $\pm$ 25%	0.10	1.0
MCB100505U101T	100 $\pm$ 25%	0.15	0.8
MCB100505U121T	120 $\pm$ 25%	0.15	0.8
MCB100505U151T	150 $\pm$ 25%	0.20	0.7
MCB100505U201T	200 $\pm$ 25%	0.25	0.7
MCB100505U301T	300 $\pm$ 25%	0.30	0.6
MCB100505U501T	500 $\pm$ 25%	0.40	0.5
MCB100505U601T	600 $\pm$ 25%	0.50	0.5
MCB100505U801T	800 $\pm$ 25%	0.65	0.3
MCB100505U102T	1000 $\pm$ 25%	0.65	0.3

1608 TYPE

型號 Part No.	阻抗 Impedance( $\Omega$ ) At 100MHz	直流電阻 DCR ( $\Omega$ )Max	額定電流 Ir (A)Max
MCB160808U110T	7~15	0.03	5.0
MCB160808U190T	12~25	0.03	5.0
MCB160808U260T	26 $\pm$ 25%	0.03	4.0
MCB160808U300T	30 $\pm$ 25%	0.03	4.0
MCB160808U800T	80 $\pm$ 25%	0.06	2.5
MCB160808U101T	100 $\pm$ 25%	0.06	2.5
MCB160808U121T	120 $\pm$ 25%	0.065	2.0
MCB160808U151T	150 $\pm$ 25%	0.07	1.5
MCB160808U181T	180 $\pm$ 25%	0.09	1.5
MCB160808U221T	220 $\pm$ 25%	0.12	1.5
MCB160808U301T	300 $\pm$ 25%	0.18	1.5
MCB160808U501T	500 $\pm$ 25%	0.18	1.2
MCB160808U601T	600 $\pm$ 25%	0.18	1.2
MCB160808U801T	800 $\pm$ 25%	0.30	0.7
MCB160808U102T	1000 $\pm$ 25%	0.40	0.6
MCB160808U122T	1200 $\pm$ 25%	0.50	0.5
MCB160808U152T	1500 $\pm$ 25%	0.50	0.5
MCB160808U182T	1800 $\pm$ 25%	0.60	0.5
MCB160808U202T	2000 $\pm$ 25%	0.60	0.5

### 2012 TYPE

型號 Part No.	阻抗 Impedance( $\Omega$ ) At 100MHz	直流電阻 DCR ( $\Omega$ )Max	額定電流 Ir (A)Max
MCB201209U050T	0~15	0.01	6.0
MCB201209U110T	7~15	0.01	6.0
MCB201209U260T	26 $\pm$ 25%	0.01	6.0
MCB201209U300T	30 $\pm$ 25%	0.01	6.0
MCB201209U500T	50 $\pm$ 25%	0.04	3.5
MCB201209U600T	60 $\pm$ 25%	0.04	3.5
MCB201209U800T	80 $\pm$ 25%	0.04	3.0
MCB201209U121T	120 $\pm$ 25%	0.05	3.0
MCB201209U151T	150 $\pm$ 25%	0.08	2.5
MCB201209U181T	180 $\pm$ 25%	0.08	2.5
MCB201209U221T	220 $\pm$ 25%	0.08	2.5
MCB201209U301T	300 $\pm$ 25%	0.08	2.5
MCB201209U501T	500 $\pm$ 25%	0.10	2.0
MCB201209U601T	600 $\pm$ 25%	0.10	2.0
MCB201209U801T	800 $\pm$ 25%	0.12	1.5
MCB201209U102T	1000 $\pm$ 25%	0.12	1.5
MCB201209U122T	1200 $\pm$ 25%	0.20	0.8
MCB201209U152T	1500 $\pm$ 25%	0.30	0.6

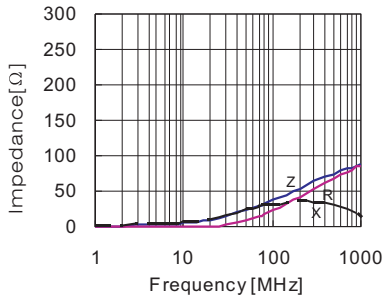
### 3216TYPE

型號 Part No.	阻抗 Impedance( $\Omega$ ) At 100MHz	直流電阻 DCR ( $\Omega$ )Max	額定電流 Ir (A)Max
MCB321609U000	0~15	0.01	6.0
MCB321609U050T	0~15	0.01	6.0
MCB321609U070T	0~11	0.01	6.0
MCB321609U090T	5~13	0.015	6.0
MCB321609U110T	7~15	0.015	6.0
MCB321609U150T	9~21	0.015	6.0
MCB321609U190T	12~25	0.015	6.0
MCB321609U260T	26 $\pm$ 25%	0.015	6.0
MCB321609U280T	28 $\pm$ 25%	0.015	6.0
MCB321609U300T	30 $\pm$ 25%	0.015	6.0
MCB321609U310T	31 $\pm$ 25%	0.025	4.0
MCB321609U500T	50 $\pm$ 25%	0.025	4.0
MCB321609U600T	60 $\pm$ 25%	0.025	4.0
MCB321609U700T	70 $\pm$ 25%	0.035	4.0
MCB321609U800T	80 $\pm$ 25%	0.035	4.0
MCB321609U121T	120 $\pm$ 25%	0.035	4.0
MCB321609U151T	150 $\pm$ 25%	0.045	3.0
MCB321609U181T	180 $\pm$ 25%	0.055	3.0
MCB321609U221T	220 $\pm$ 25%	0.055	3.0
MCB321609U301T	300 $\pm$ 25%	0.065	2.5
MCB321609U391T	390 $\pm$ 25%	0.075	2.5
MCB321609U501T	500 $\pm$ 25%	0.085	2.5
MCB321609U601T	600 $\pm$ 25%	0.10	2.0
MCB321609U801T	800 $\pm$ 25%	0.11	2.0
MCB321609U102T	1000 $\pm$ 25%	0.12	2.0

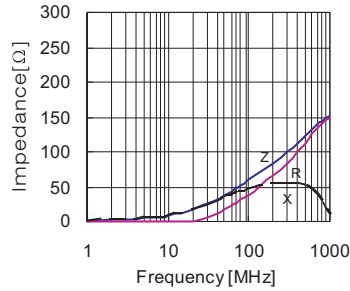
### 鐵氧體疊層片式磁珠 ( 超大電流型 ) FERRITE CHIP BEADS

#### 1005 SERIES

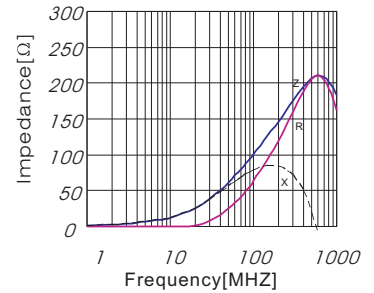
**MCB 100505U300T**



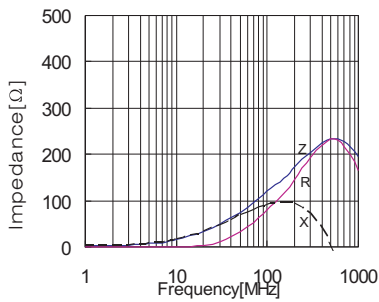
**MCB100505U600T**



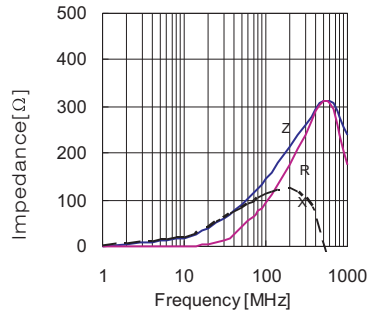
**MCB100505U101T**



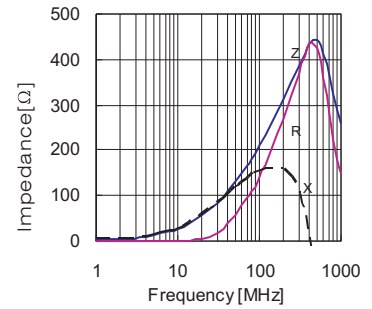
**MCB100505U121T**



**MCB100505U151T**

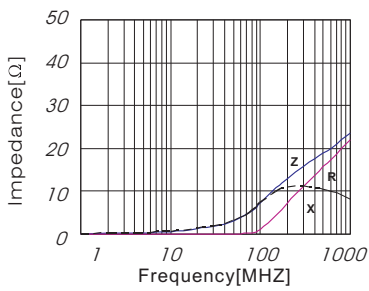


**MCB100505U201T**

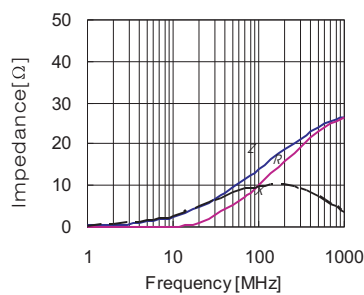


#### 1608 SERIES

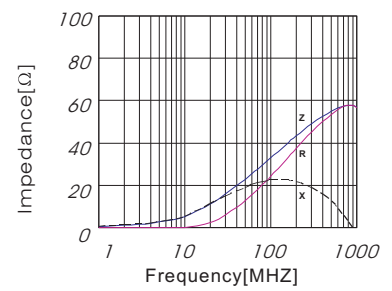
**MCB160808U070T**



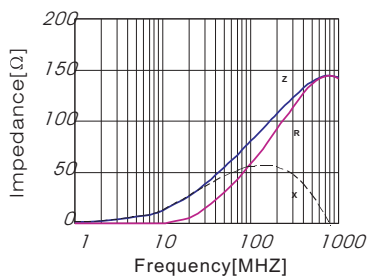
**MCB160808U190T**



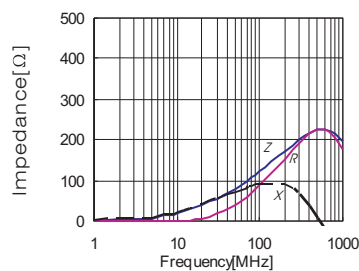
**MCB160808U300T**



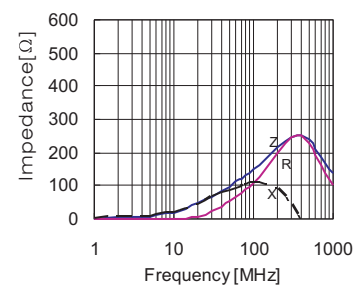
**MCB160808U800T**



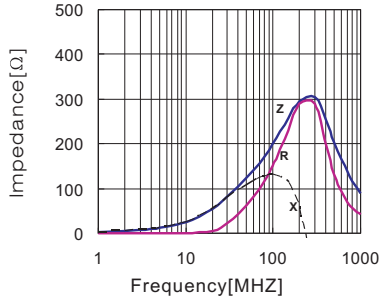
**MCB160808U121T**



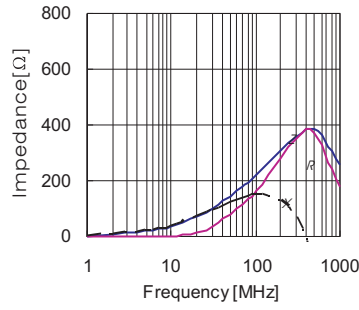
**MCB160808U151T**



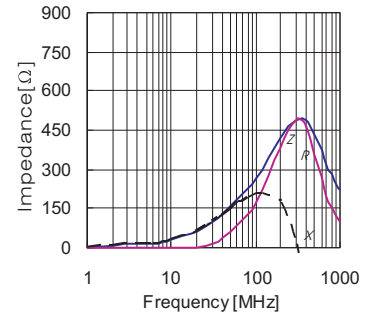
**MCB160808U181T**



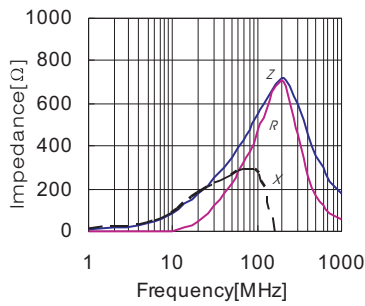
**MCB160808U221T**



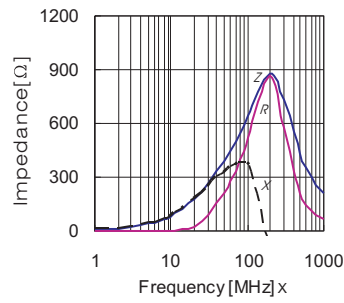
**MCB160808U301T**



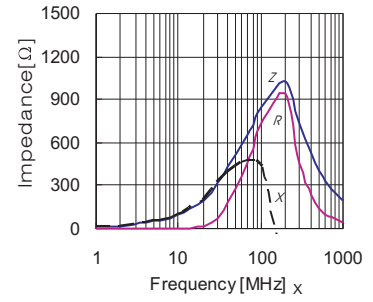
**MCB160808U501T**



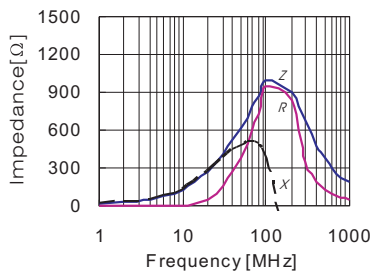
**MCB160808U601T**



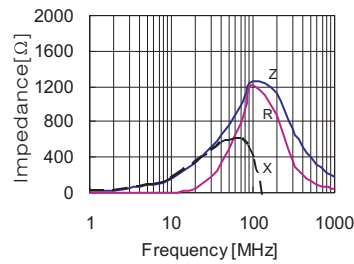
**MCB160808U801T**



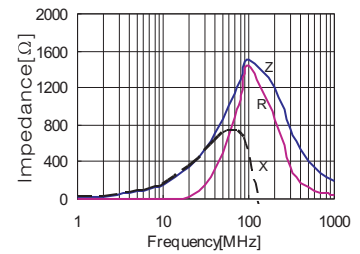
**MCB160808U102T**



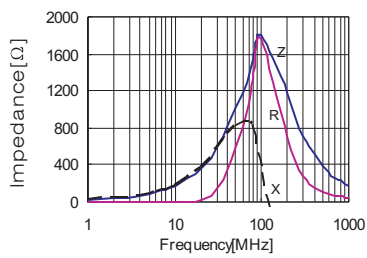
**MCB160808U122T**



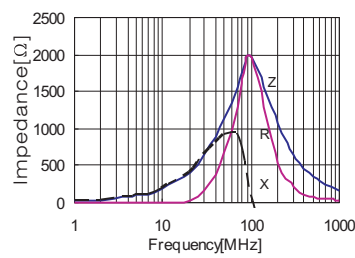
**MCB160808U152T**



**MCB160808U182T**

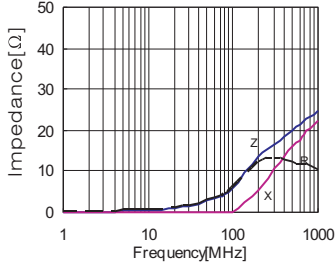


**MCB160808U202T**

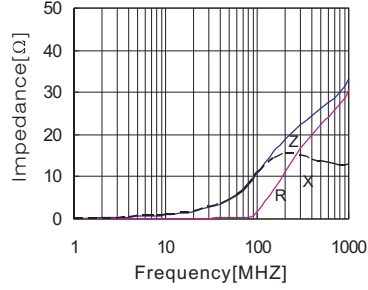


### 2012 SERIES

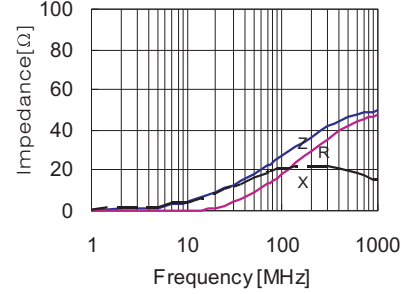
**MCB201209U050T**



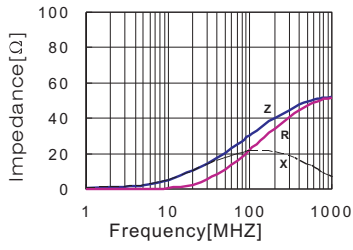
**MCB201209U110T**



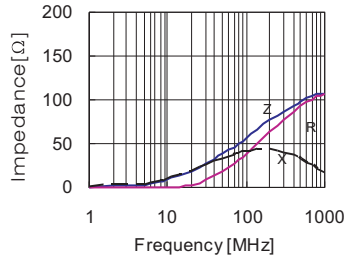
**MCB201209U260T**



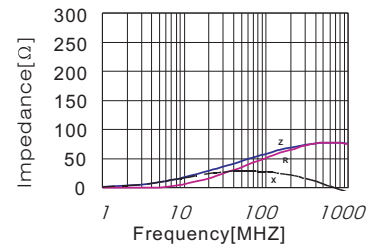
**MCB201209U300T**



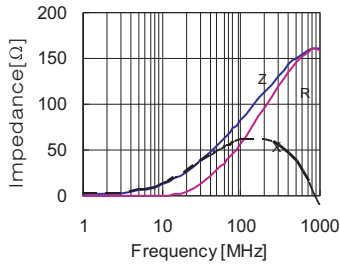
**MCB201209U500T**



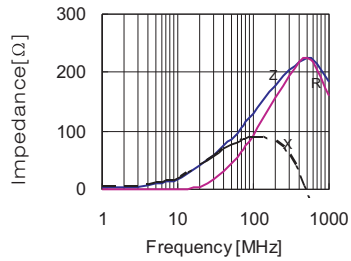
**MCB201209U600T**



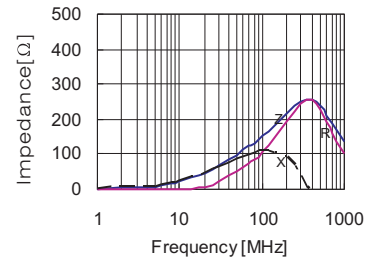
**MCB201209U800T**



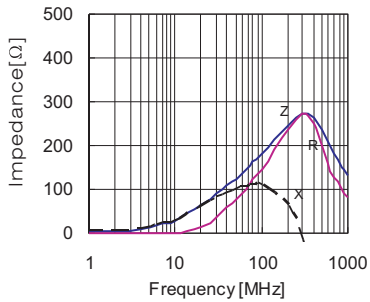
**MCB201209U121T**



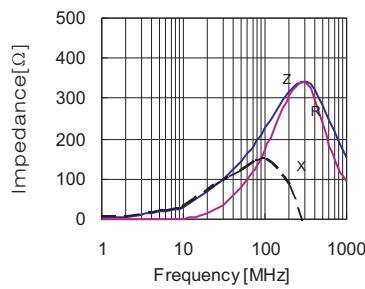
**MCB201209U151T**



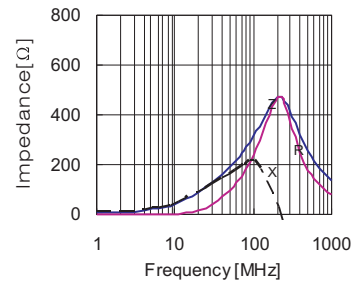
**MCB201209U181T**



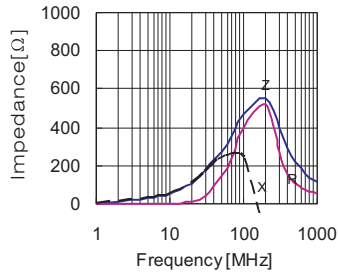
**MCB201209U221T**



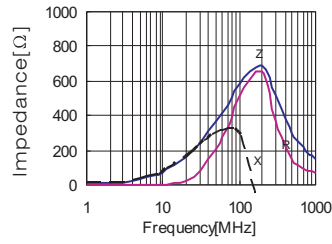
**MCB201209U301T**



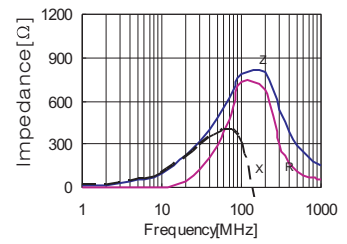
**MCB201209U501T**



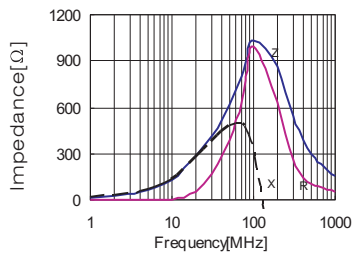
**MCB201209U601T**



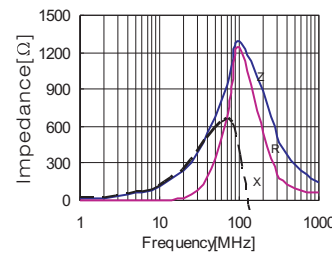
**MCB201209U801T**



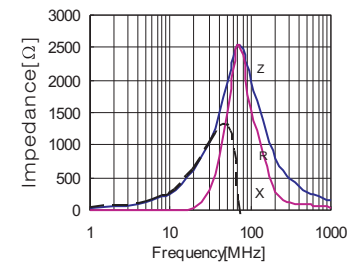
**MCB201209U102T**



**MCB201209U122T**

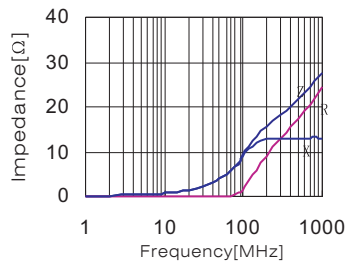


**MCB201209U152T**

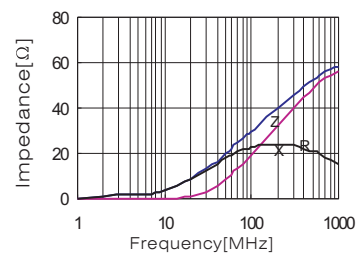


**3216 SERIES**

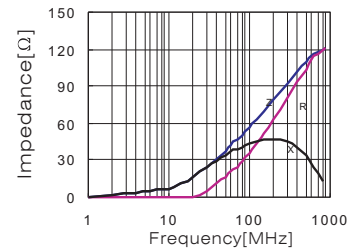
**MCB321609U100T**



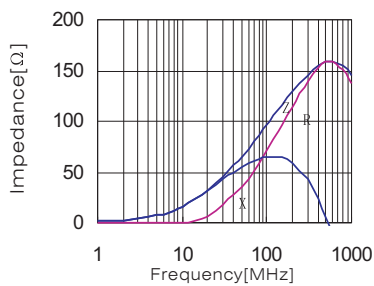
**MCB321609U310T**



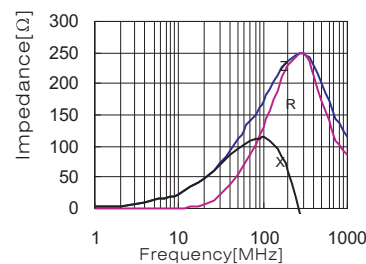
**MCB321609U500T**



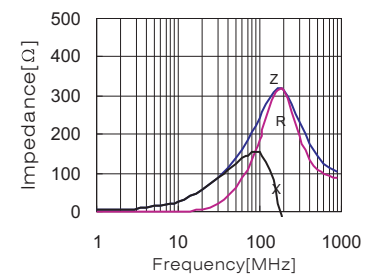
**MCB321609U121T**



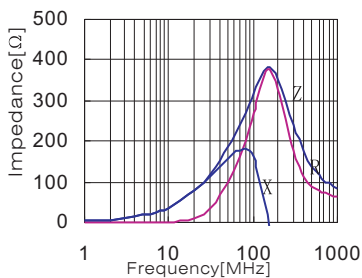
**MCB321609U161T**



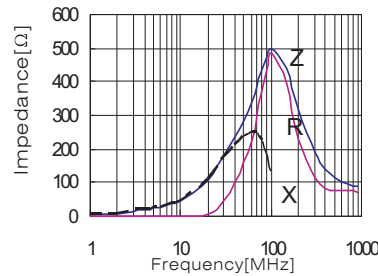
**MCB321609U221T**



**MCB321609U301T**



**MCB321609U501T**



**MCB321609U601T**

