

# Bead Array 排感

## ECMS SERIES 系列

### INTRODUCTION 簡介

ECMS series consists of 4 circuit of ferrite beads and suitable for EMI suppression in smaller digital equipment.

ECMS 系列由四組磁珠電路組成,適用於較小的數位設備以抑制雜訊干擾

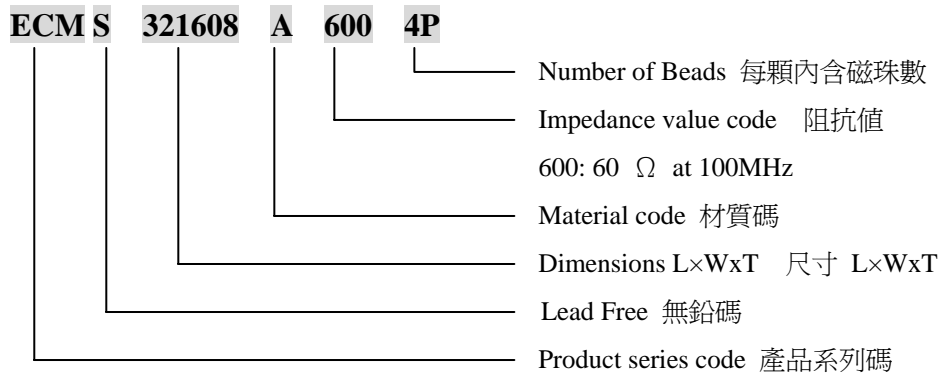
### FEATURES 特徵

1. Available in a wide range of impedance values providing excellent EMI suppression characteristics for various types of noise  
阻值範圍寬, 提供優越 EMI 抑制特性, 適用於各種雜訊.
2. Heat generation and crosstalks between adjacent circuits is minimized.  
熱生成及比鄰電路間的串音, 可被減至最低.
3. Internal electrodes feature low DC resistance, minimizing wasteful power consumption.  
內電極特色為低直流阻抗, 抑低無謂的電流損耗.
4. Monolithic structure ensures high reliability.  
單晶體結構, 確保高可靠性.

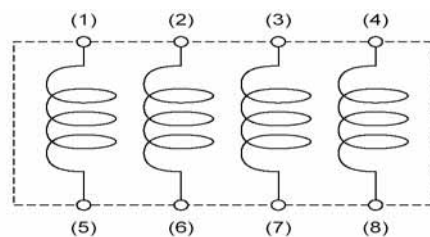
### APPLICATION 應用

1. Waveform correction in personal computers, word processors, printers and facsimile signal lines, and provides radiated noise countermeasures in interfaces and harness connecting parts.  
個人電腦, 文字處理, 列表機, 傳真機等信號線的波形修正, 並提供介面及輻射雜訊交叉測量
2. Prevents noise intrusion in videos, car audio, VCRs, portable telephones, and other equipment.  
避免放影機, 車內音響, VCR, 手提電話及其他設備之雜訊干擾.

### PART NUMBER SYSTEM 料號系統



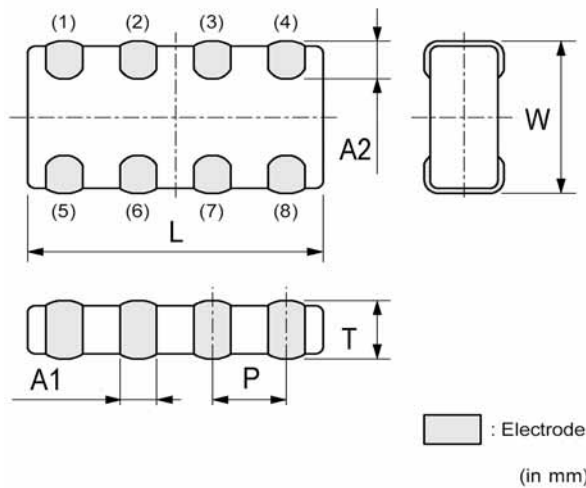
### EQUIVALENT CIRCUIT DIAGRAM 對等電路圖



No polarity.

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## SHAPES AND DIMENSIONS 形狀和尺寸



TYPE 系列	L 長 m/m	W 寬 m/m	T 厚 m/m	A1 銀寬 m/m	A2 銀寬 m/m	P 端電極間距 m/m
ECMS-321608	3.2±0.2	1.6±0.2	0.8±0.2	0.4±0.15	0.3±0.2	0.8±0.1
ECMS-201005	2.0±0.15	1.0±0.15	0.45±0.05	0.25±0.15	0.25±0.15	0.5±0.1

### ECMS 321608 (1206)&ECM201005(0804) TYPE 系列

#### Electrical characteristics 電氣特性

Part Number 料號	Impedance 阻值 (Ω)±25% [100MHz]	DC Resistance 直流阻抗 Ω (MAX)	Rated Current 額定電流 mA (MAX)
ECMS321608A600 4P	60	0.25	200
ECMS321608A121 4P	120	0.30	150
ECMS321608A301 4P	300	0.30	150
ECMS321608A601 4P	600	0.50	100
ECMS321608A102 4P	1000	0.70	50
ECMS321608B121 4P	120	0.40	150
ECMS321608B221 4P	220	0.45	150
ECMS321608B471 4P	470	0.55	100
ECMS321608B601 4P	600	0.65	100
ECMS321608K601 4P	600	0.70	100
ECMS321608K102 4P	1000	0.80	50
ECMS321608H121 4P	120	0.60	50
ECMS321608H301 4P	300	1.00	50
ECMS321608H601 4P	600	1.70	35
ECMS321608H102 4P	1000	2.10	35
ECMS321608L121 4P	120	0.30	200
ECMS201005A600 4P	60	0.25	100
ECMS201005A121 4P	120	0.50	50
ECMS201005A221 4P	220	0.70	50
ECMS201005A601 4P	600	1.1	50
ECMS201005A102 4P	1000	1.3	50
ECMS201005B121 4P	120	0.6	50
ECMS201005B221 4P	220	0.9	50

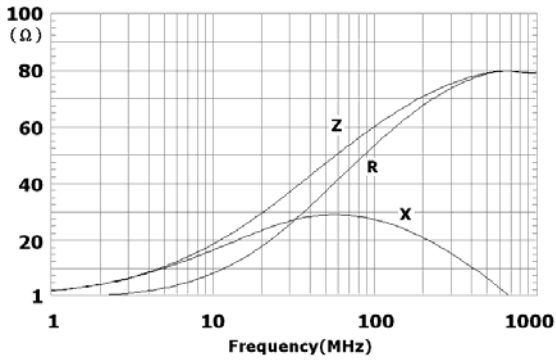
\* TEST EQUIPMENT:HP4291A IMPEDANCE ANALYZER

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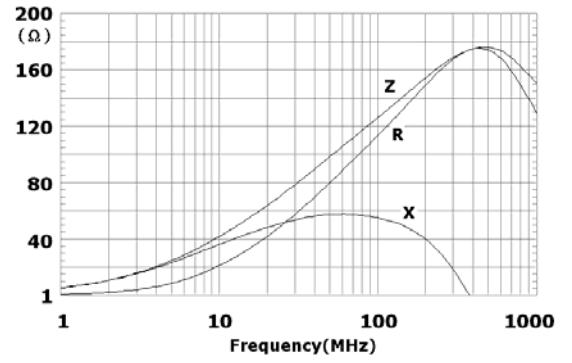
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Z R X vs. FREQUENCY CHARACTERISTICS

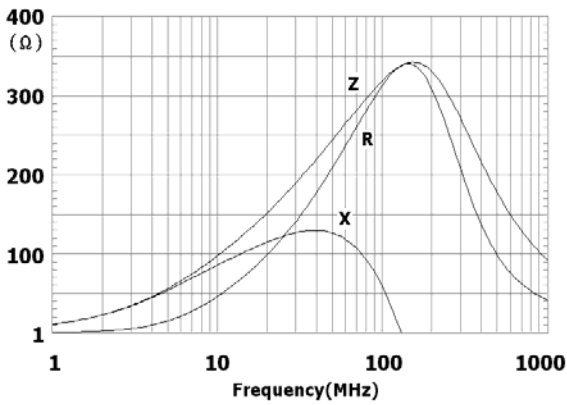
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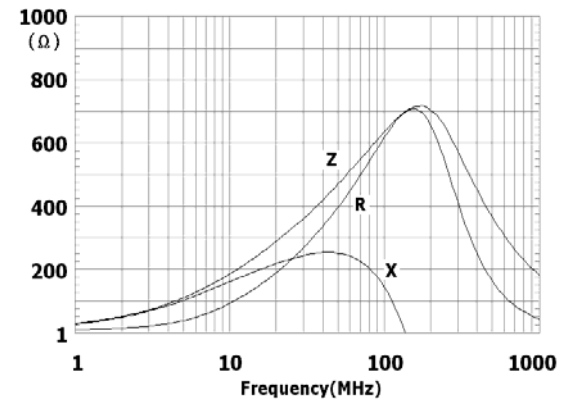
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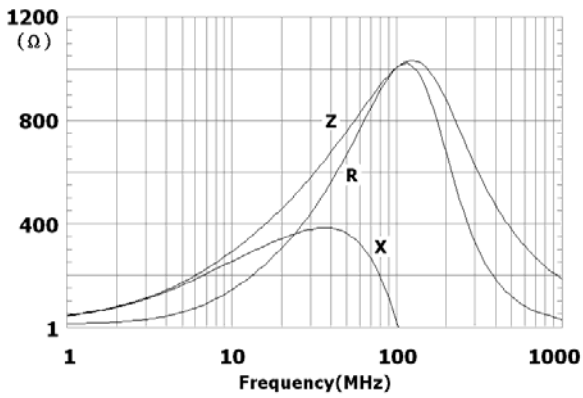
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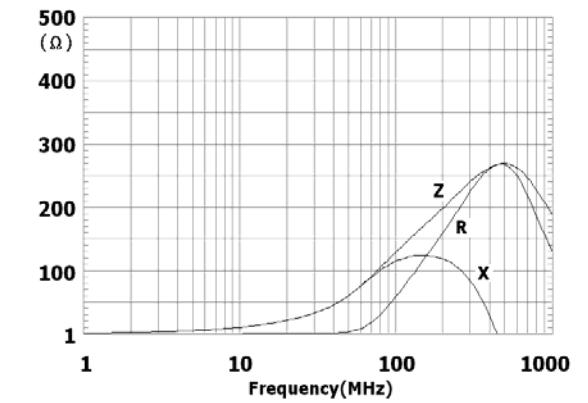
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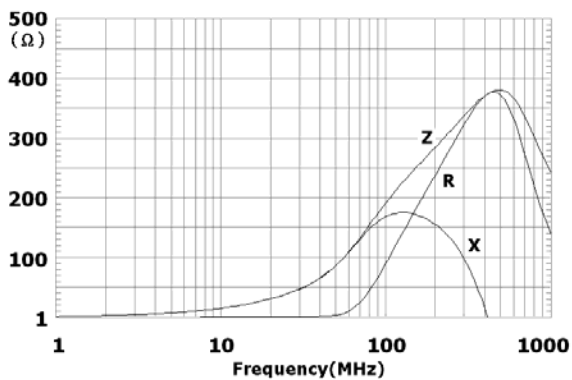
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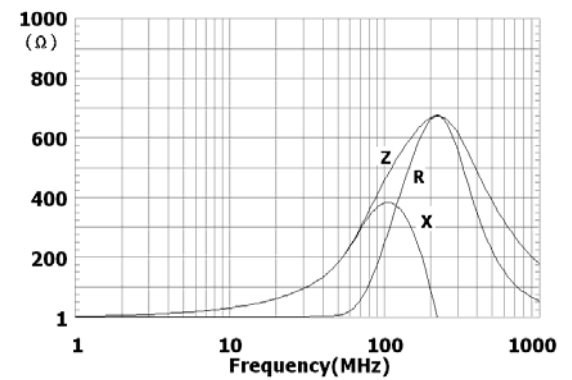
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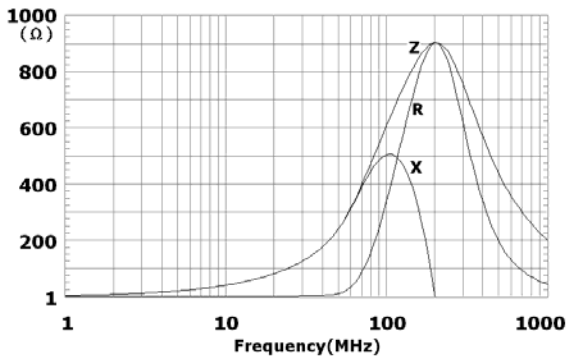


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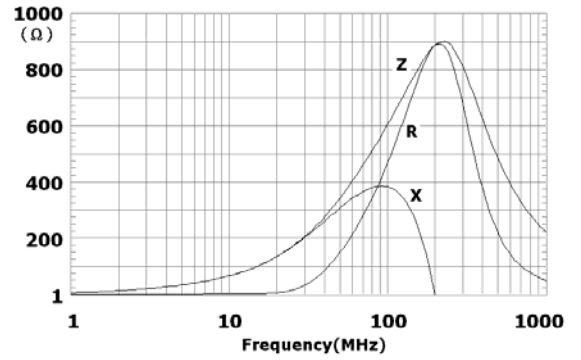
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Z R X vs. FREQUENCY CHARACTERISTICS

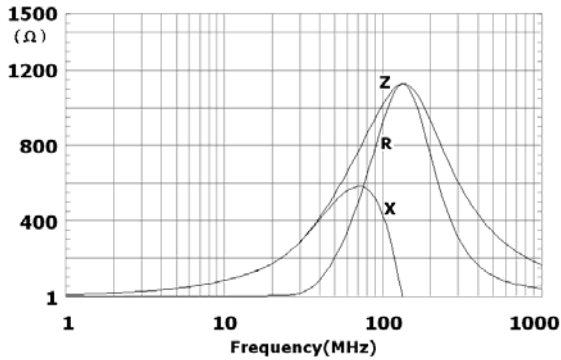
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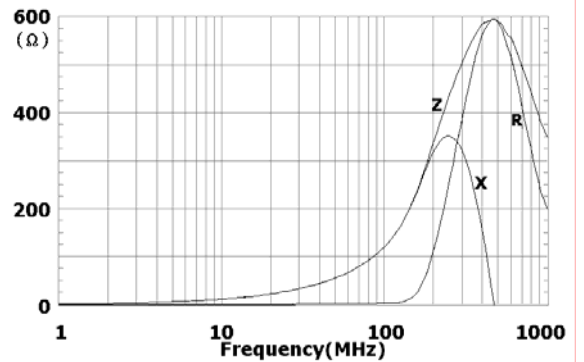
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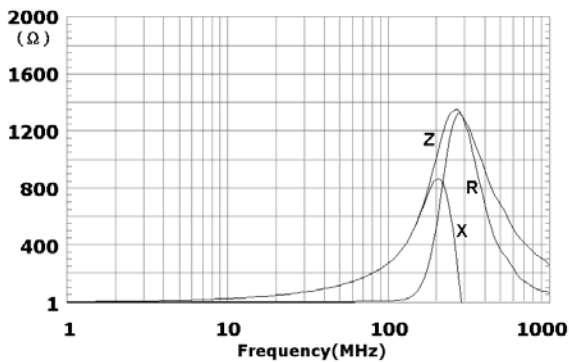
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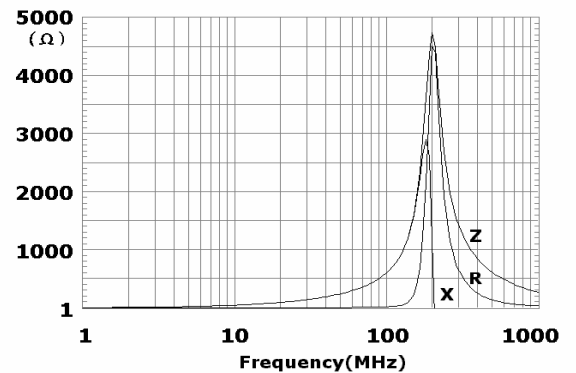
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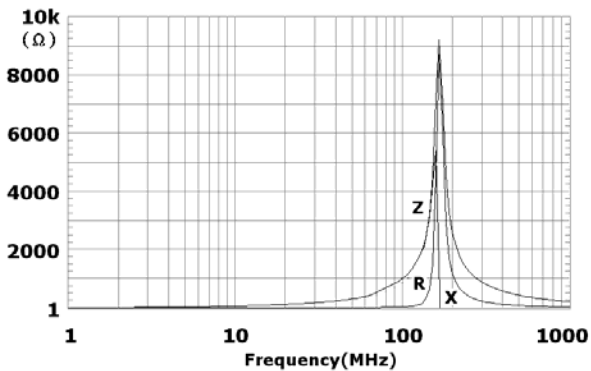
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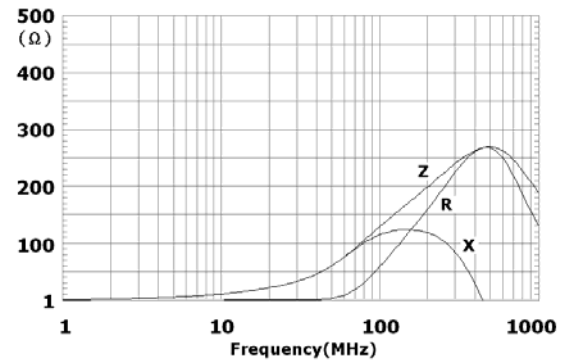
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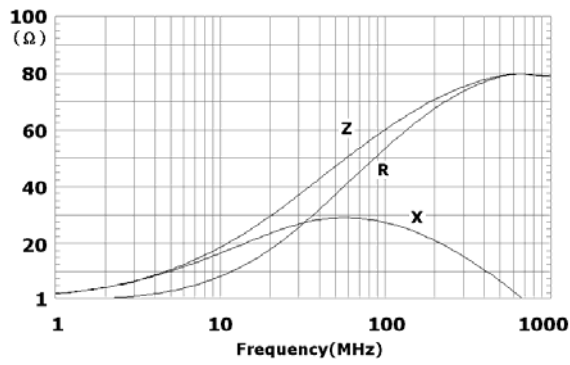


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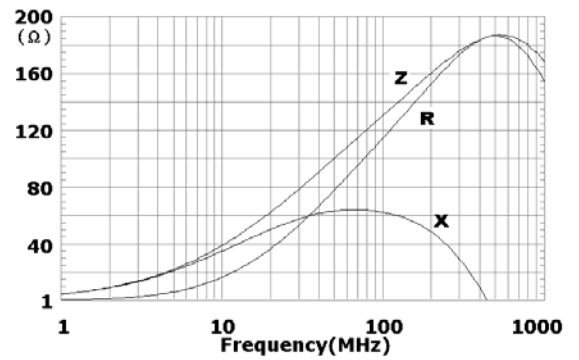
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Z R X vs. FREQUENCY CHARACTERISTICS

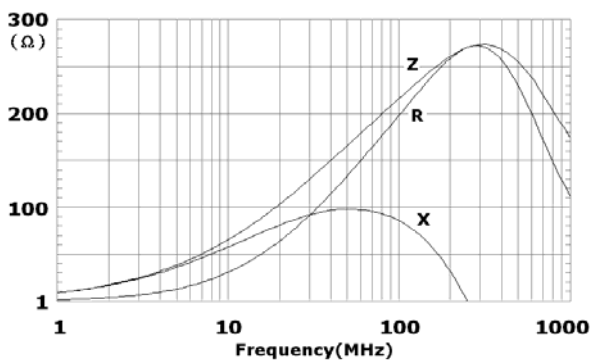
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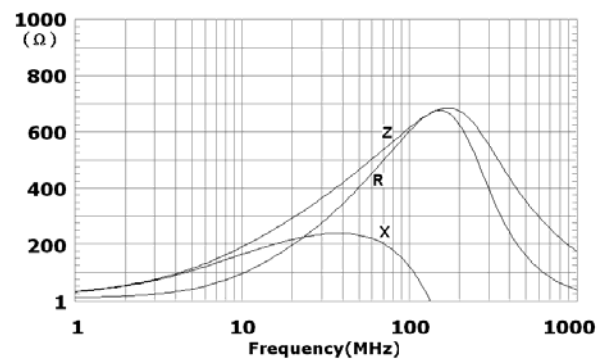
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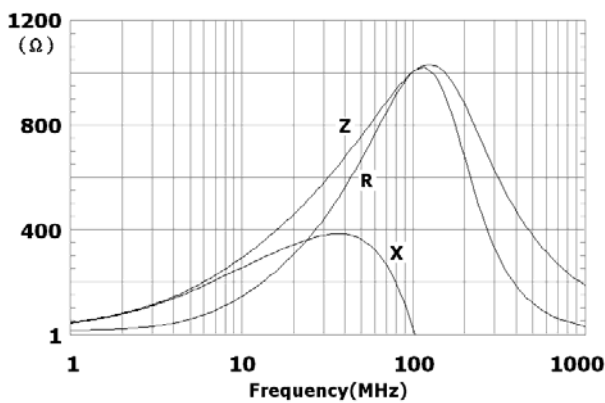
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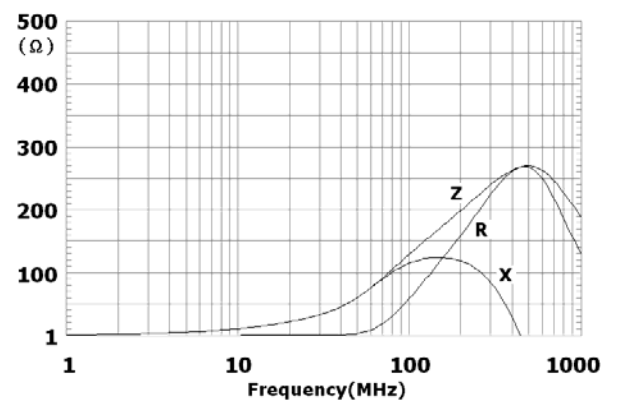
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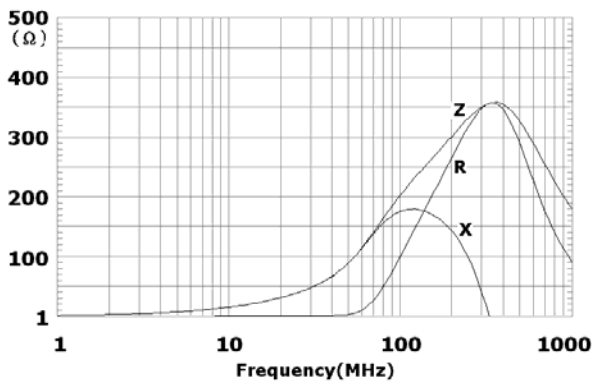
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ECMS201005B121 4P



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