

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

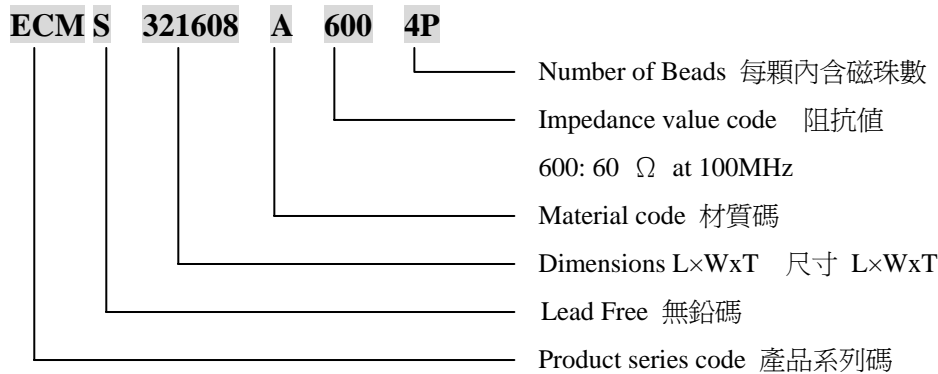
FEATURES 特徵

- 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.

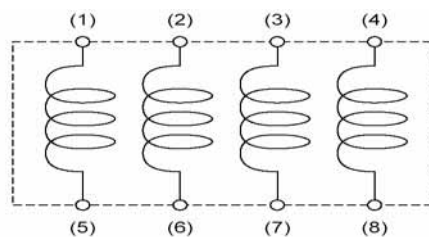
APPLICATION 應用

- 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



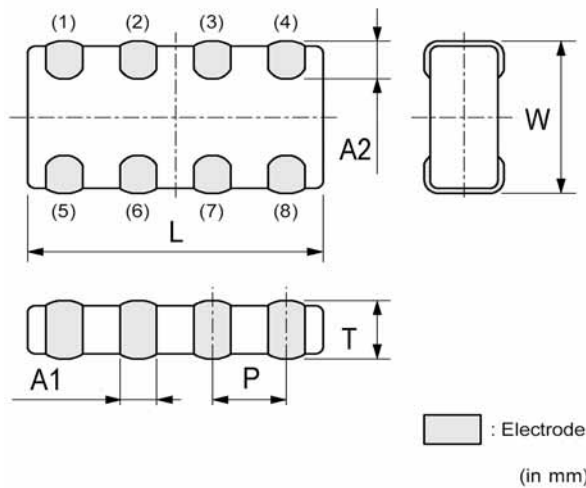
EQUIVALENT CIRCUIT DIAGRAM 對等電路圖



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 |

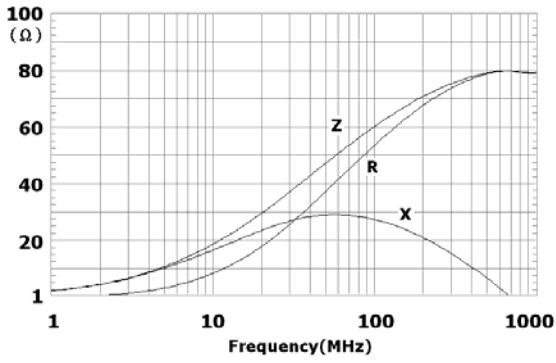
* TEST EQUIPMENT:HP4291A IMPEDANCE ANALYZER

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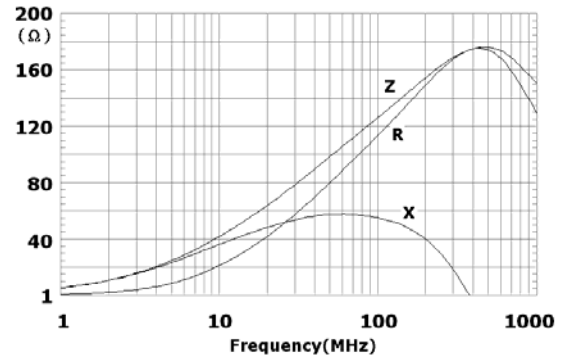
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Z R X vs. FREQUENCY CHARACTERISTICS

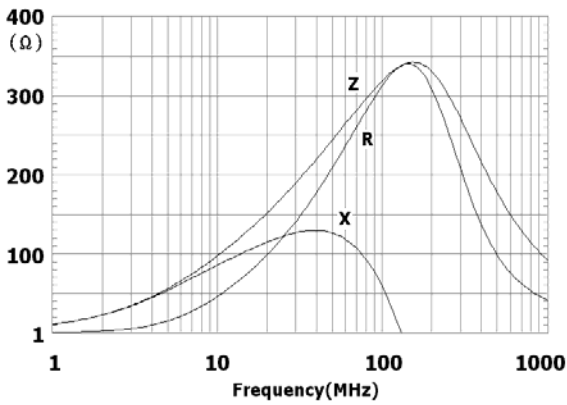
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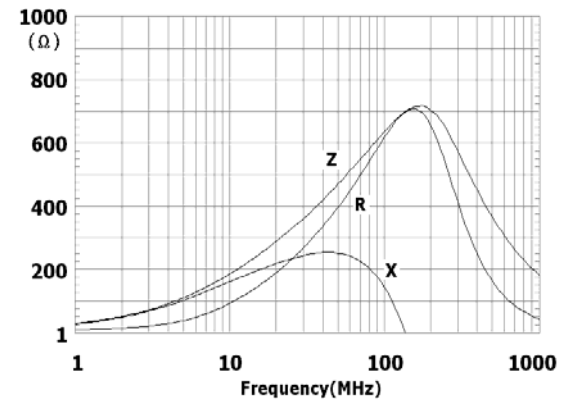
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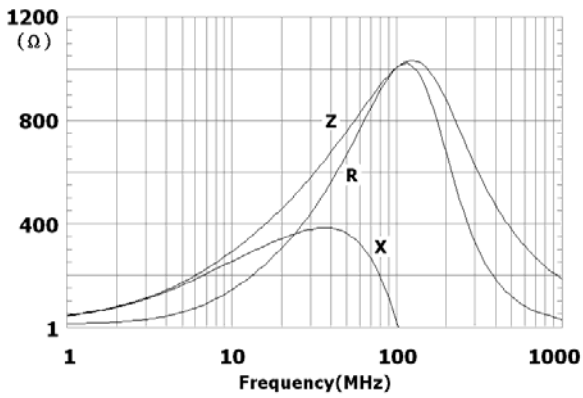
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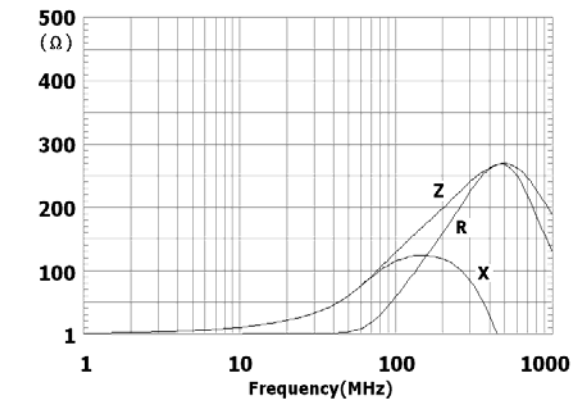
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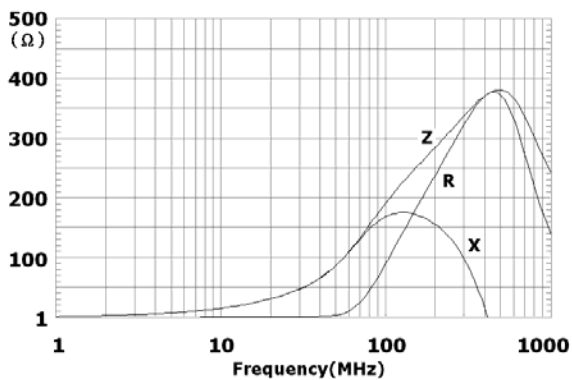
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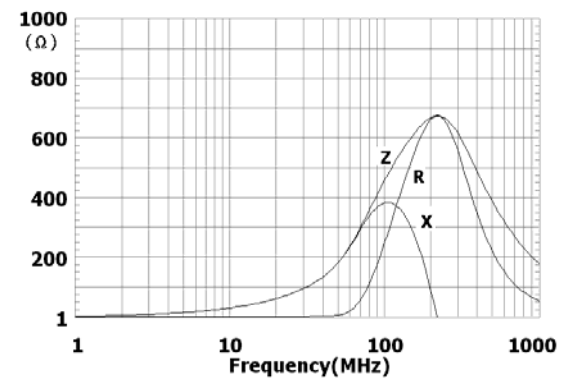
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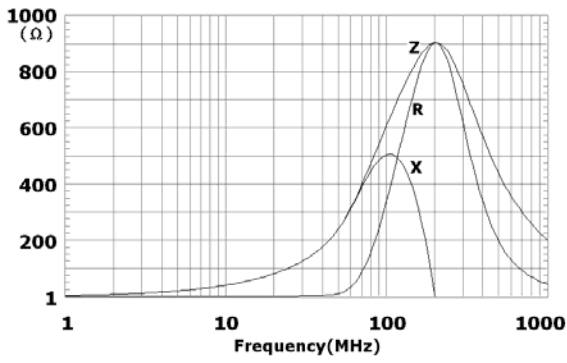


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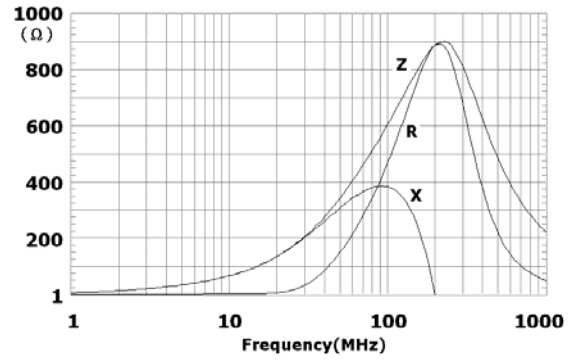
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Z R X vs. FREQUENCY CHARACTERISTICS

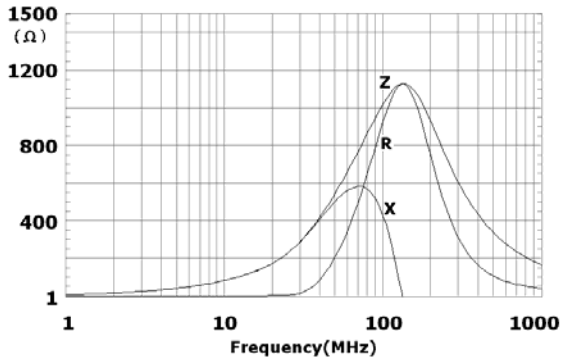
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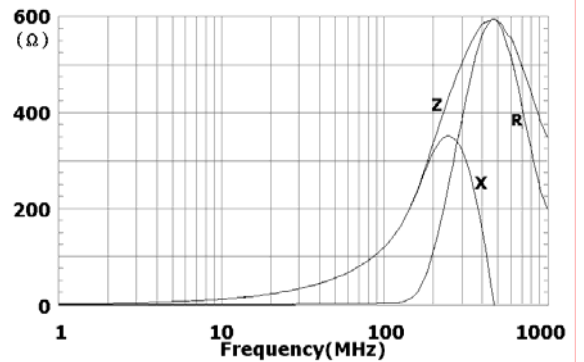
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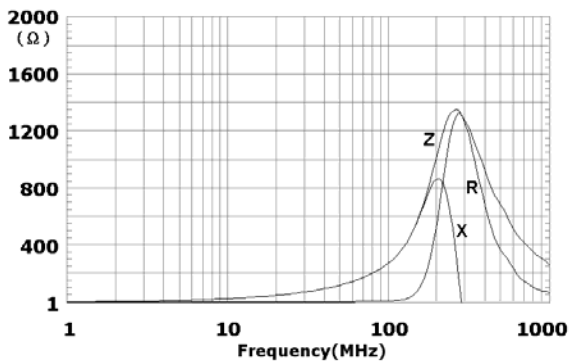
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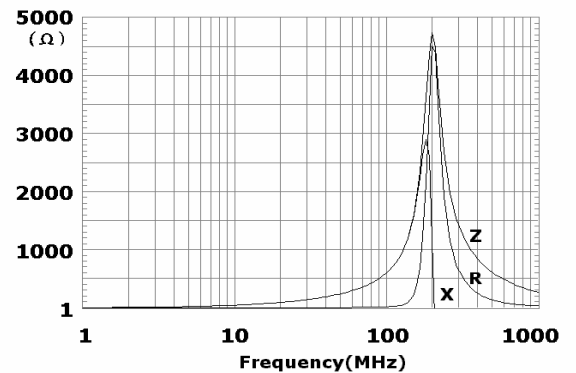
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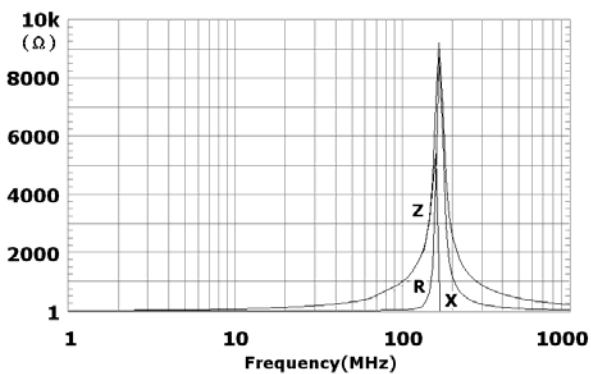
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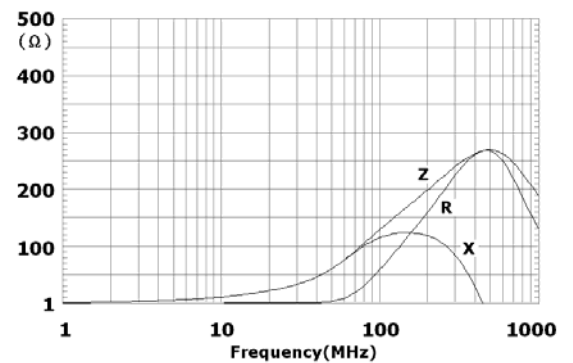
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ECMS321608H102 4P



ECMS321608L121 4P

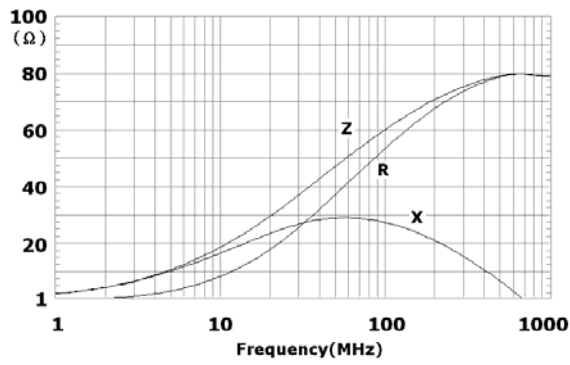


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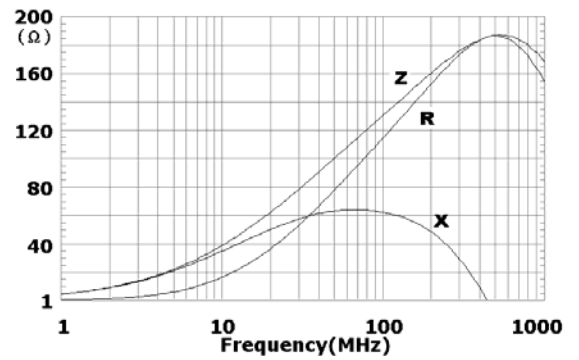
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Z R X vs. FREQUENCY CHARACTERISTICS

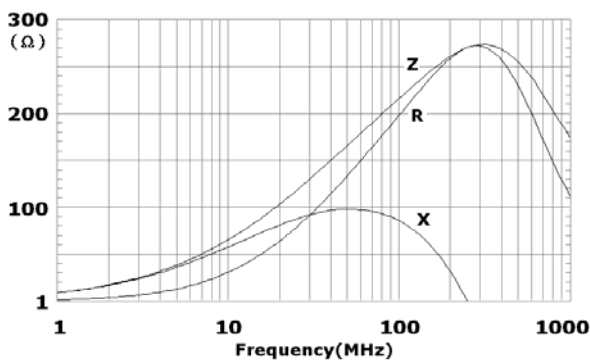
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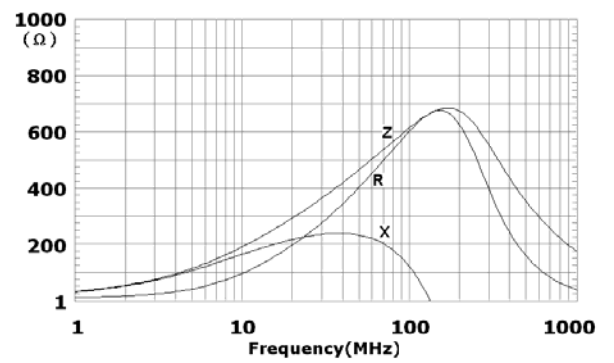
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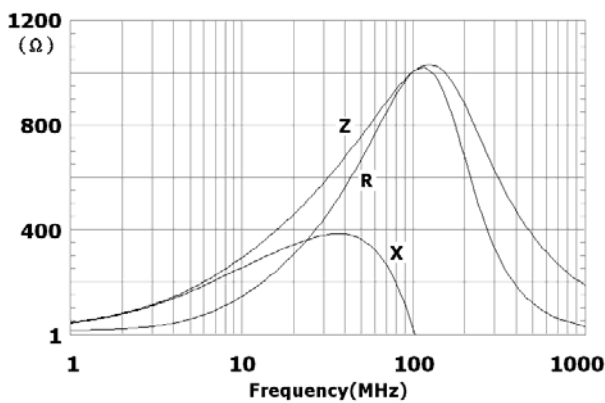
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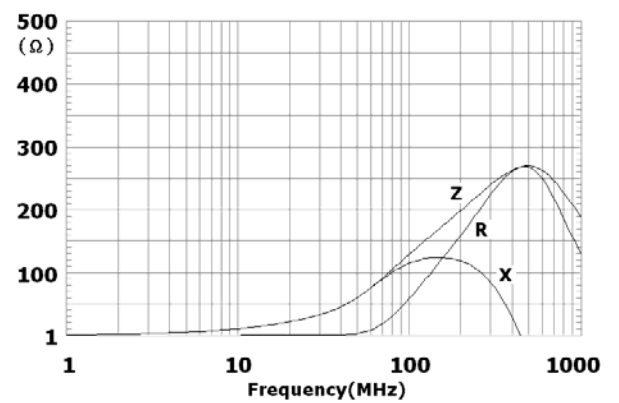
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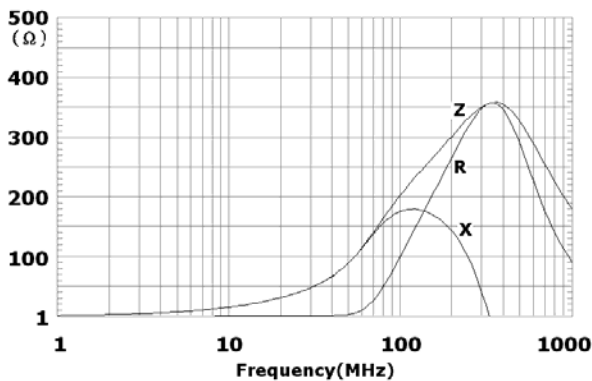
ECMS201005A102 4P



ECMS201005B121 4P



ECMS201005B221 4P



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