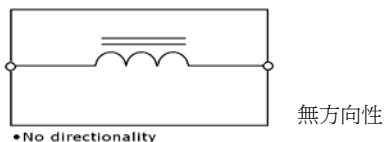


MULTILAYER CHIP SUPPRESSORS (CHIP BEADS) 積層式晶片磁珠

LEMS series (LEMS 系列產品) EQUIVALENT CIRCUIT DIAGRAM 等效電路圖



FEATURES 特色

1. These small size chips generating high impedance.
尺寸小同時產生高阻值。
2. Excellent solderability and high heat resistance for either flow or reflow soldering.
優良的焊錫性及耐熱性，適合 flow 及 reflow 兩種鋅錫方式。
3. Monolithic structure for high reliability.
單石結構確保高信賴性。
4. Low DC resistance structure of electrode prevents wasteful electric power consumption.
電極之低直流阻值可避免不必要之電力消耗。

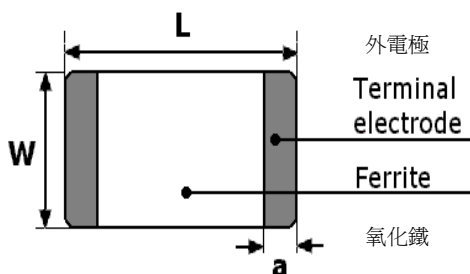
APPLICATION 適用產品

To suppress EMI/RFI and to prevent self-oscillation in electronic products such as:

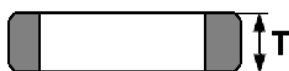
為抑制 EMI/RFI 及避免電子產品之自我振盪，例如：

1. Tablet, notebook, and desktop computers and peripheral equipments. 平板、筆記型、桌上型電腦及其週邊設備。
2. Blu-ray DVD recorder, DSC, DVC, LCD Television. 藍光錄放影機、數位相機、數位攝影機、液晶電視機。
3. Mobile phone, Smart phone. 行動電話、智慧手機。
4. Digital communication equipment. 數位通訊設備。
5. Various electronic equipments. 各式電子設備。
6. Circuit where a stable ground is unavailable. 缺乏穩定參考地之電路。

SHAPES AND DIMENSIONS 形狀及尺寸

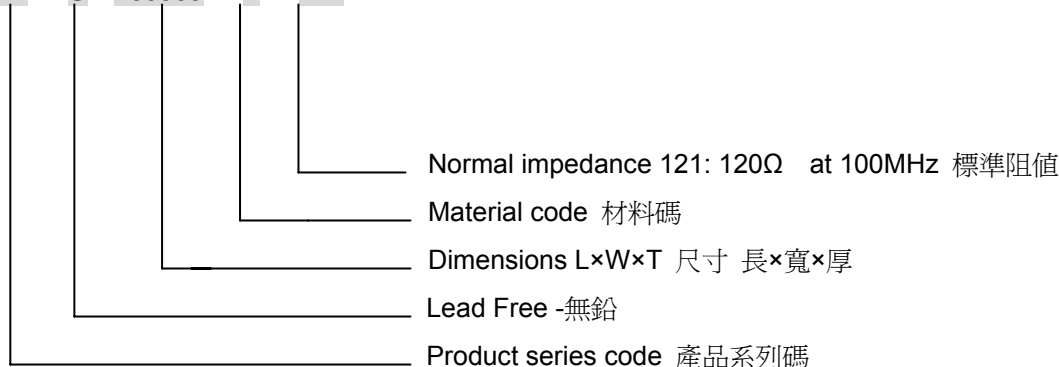


SHAPE 尺寸	L 長 mm	W 寬 mm	T 厚 mm	a 銀寬 mm
100505(0402)	1.0±0.05	0.5±0.05	0.5±0.05	0.1~0.3
160808(0603)	1.6±0.15	0.8±0.15	0.8±0.15	0.2~0.6



PART NUMBERS SYSTEM 編碼系統

LEM S 100505 F 121



* Max Echo reserves the rights for revising the content of this catalog without further notification.
鈺鎧保留更改此目錄中任何內容之權利，而不再另行通知。

MULTILAYER CHIP SUPPRESSORS (CHIP BEADS) 積層式晶片磁珠

LEMS series (LEMS 系列產品)

Electrical characteristics 電氣特性

Part Number 產品料號	Impedance 阻抗 $\Omega \pm 25\%$ 歐姆 @ 100MHz	DC Resistance 直流電阻 Ω (MAX) 歐姆	Rated Current mA (MAX) 耐電流
1005 系列			
LEMS100505F301	300	0.85	100
LEMS100505F401	400	0.9	100
LEMS100505F601	600	1.0	200
LEMS100505F751	750	1.0	200
LEMS100505F102	1000	1.0	200
1608 系列			
LEMS160808F102	1000	0.6	200
LEMS160808F112	1100	0.8	200
LEMS160808F152 RDC9	1500	0.9	100
LEMS160808F182	1800	1.0	100
LEMS160808F202	2000	1.0	100
LEMS160808F222	2200	1.0	100
LEMS160808F252	2500	1.0	100
LEMS160808F272	2700	1.05	50

* TEST EQUIPMENT: E4991A IMPEDANCE ANALYZER 量測儀器 : E4991A 阻抗分析儀

* Max Echo reserves the rights for revising the content of this catalog without further notification.
鈺鎧保留更改此目錄中任何內容之權利，而不再另行通知。

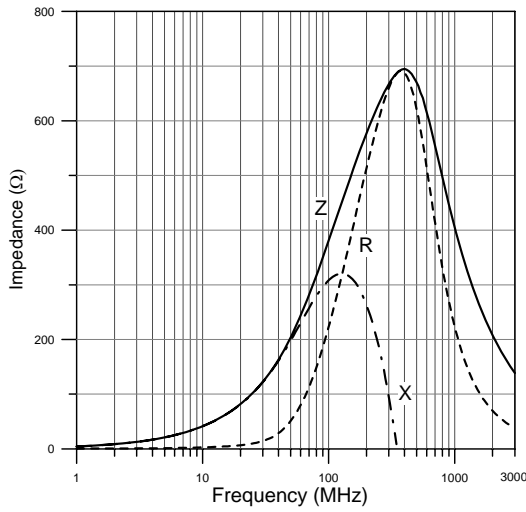
MULTILAYER CHIP SUPPRESSORS (CHIP BEADS) 積層式晶片磁珠

LEMS series (LEMS 系列產品)

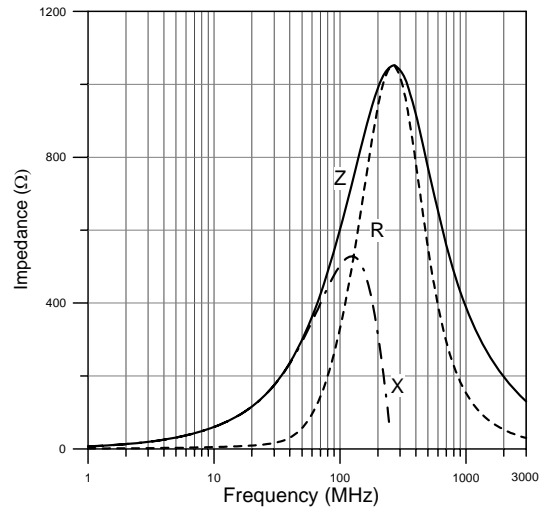
TYPICAL ELECTRICAL CHARACTERISTICS 典型電氣特性

Z, R, X vs. FREQUENCY CHARACTERISTICS Z, R, X vs. 頻率特性

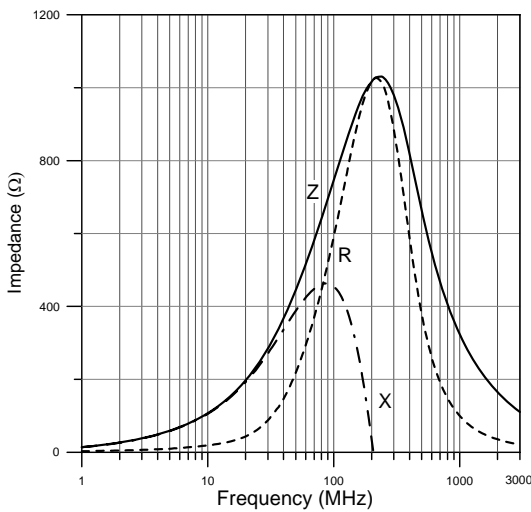
LEMS100505F401



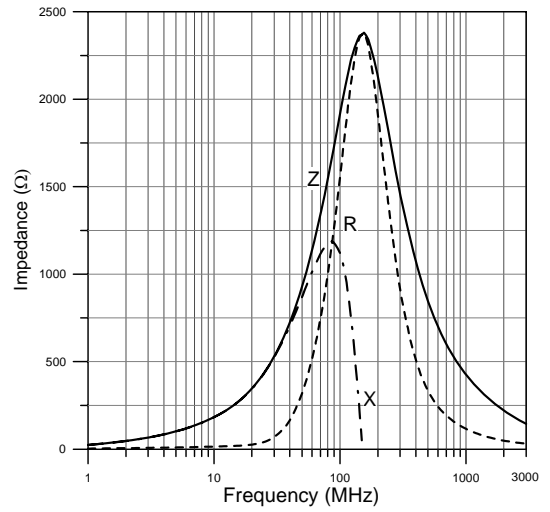
LEMS100505F601



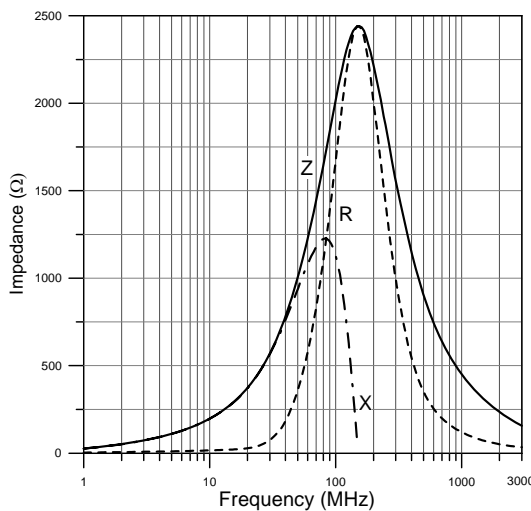
LEMS100505F202



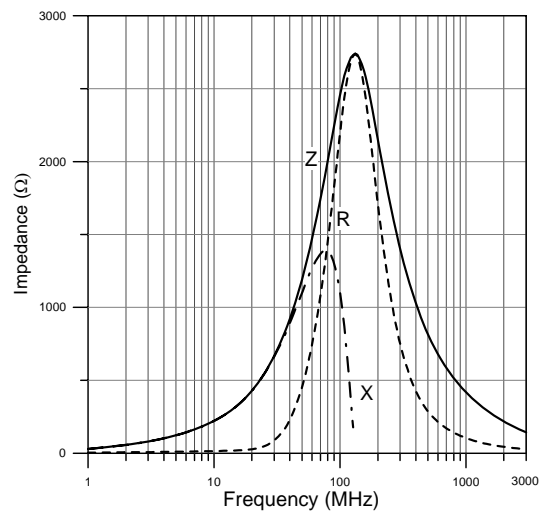
LEMS160808F202



LEMS160808F222



LEMS160808F252



* Max Echo reserves the rights for revising the content of this catalog without further notification.

鈺鎧保留更改此目錄中任何內容之權利，而不再另行通知。