

Multilayer Chip Large Current Bead

LARGE CURRENT MULTILAYER CHIP BEAD PRODUCT CATALOG



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Multilayer Chip Large Current Bead

◎ Product introduction 產品介紹

- Excellent solderability and heat resistance for either flow or reflow soldering
良好的可焊性和耐焊性
- Substantial EMI suppression over a wide frequency range
在寬頻段有顯著的抑制噪聲效果
- DC low resistance, small, may correspond to current use
直流電阻較低，小型，可對應大電流用途
- Terminal electrode has been electroplated, suitable for flow soldering, reflow soldering or any arbitrary welding method
端子電極已經過電鍍，可適用流動焊接，回流焊接任意一種焊接工法



◎ Product application 產品應用

- Computer and peripheral equipment, DVD, camera, and other office equipment noise suppression.
電腦及周邊設備，DVD，照相機，辦公設備等雜訊抑制

◎ Product Identification 產品標識

BEAD 0402 S 121 A 20 T

BEAD-----Series name 系列名稱

0402-----Dimension 產品尺寸

S-----Material code 材料代碼

121-----Impedance 阻抗值【120=12Ω · 121=120Ω · 122=1200Ω】

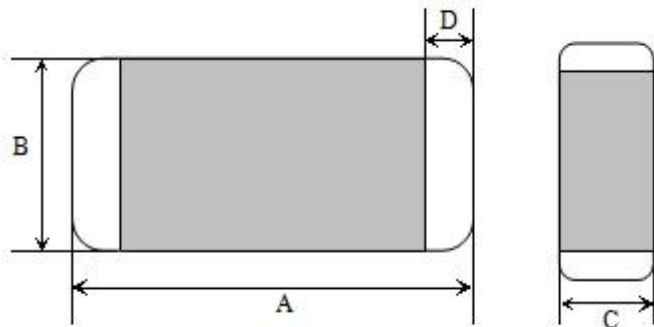
A-----High current 耐大電流

20-----Current value 電流值

T-----Taping 編帶盤裝

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◎Shape&Dimensions 形狀與尺寸：

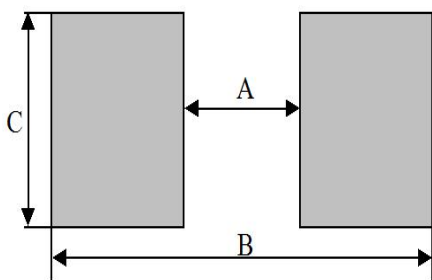


UNIT: mm

SIZE CODE (inch)	A	B	C	D	CHIPS REEL
0402	1.00±0.10	0.50±0.10	0.50±0.10	0.25±0.10	10K
0603	1.60±0.20	0.80±0.20	0.80±0.20	0.30±0.20	4K
0805	2.00±0.20	1.20±0.20	0.90±0.20	0.50±0.30	4K
1206	3.20±0.20	1.60±0.20	1.10±0.20	0.50±0.30	3K
1210	3.20±0.20	2.50±0.20	1.30±0.20	0.50±0.30	2K
1806	4.50±0.20	1.60±0.20	1.60±0.20	0.50±0.30	2K
1812	4.50±0.20	3.20±0.20	1.50±0.20	0.50±0.30	1K

◎Recommender Land Pattern 推薦焊盤布局：

UNIT: mm



SIZE CODE	A	B	C
0402	0.4	1.2-1.4	0.6-0.8
0603	0.7-0.8	1.8-2.0	0.6-0.8
0805	1.0-1.2	2.6-4.0	1.0-1.2
1206	2	4.2-5.2	1.2
1210	2	5.5-6.5	1.8
1806	3	5.5-6.5	1.2
1812	3	5.5-6.5	2.4

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詳細規格及參數介紹

ORDERING CORE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)MAX	Rated Current (mA)MAX
BEAD0402S100A25T	10 $\pm$ 25%	100	0.050	2500
BEAD0402S300A10T	30 $\pm$ 25%	100	0.200	1000
BEAD0402S400A07T	40 $\pm$ 25%	100	0.200	700
BEAD0402S600A10T	60 $\pm$ 25%	100	0.200	1000
BEAD0402S121A20T	120 $\pm$ 25%	100	0.100	2000
BEAD0402S221A15T	220 $\pm$ 25%	100	0.150	1500
BEAD0402S301A05T	300 $\pm$ 25%	100	0.500	500
BEAD0402S601A05T	600 $\pm$ 25%	100	0.800	500
BEAD0402S102A05T	1000 $\pm$ 25%	100	1.200	500

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詳細規格及參數介紹

ORDERING CORE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)MAX	Rated Current (mA)MAX
BEAD0603S100A60T	10 $\pm$ 25%	100	0.010	6000
BEAD0603S200A30T	20 $\pm$ 25%	100	0.040	3000
BEAD0603S250A30T	25 $\pm$ 25%	100	0.040	3000
BEAD0603S300A10T	30 $\pm$ 25%	100	0.100	1000
BEAD0603S300A25T	30 $\pm$ 25%	100	0.050	2500
BEAD0603S390A10T	39 $\pm$ 25%	100	0.200	1000
BEAD0603S390A40T	39 $\pm$ 25%	100	0.035	4000
BEAD0603S600A30T	60 $\pm$ 25%	100	0.040	3000
BEAD0603S600A40T	60 $\pm$ 25%	100	0.035	4000
BEAD0603S700A20T	70 $\pm$ 25%	100	0.100	2000
BEAD0603S101A20T	100 $\pm$ 25%	100	0.100	2000
BEAD0603S121A20T	120 $\pm$ 25%	100	0.100	2000
BEAD0603S121A30T	120 $\pm$ 25%	100	0.040	3000
BEAD0603S151A20T	150 $\pm$ 25%	100	0.100	2000
BEAD0603S181A15T	180 $\pm$ 25%	100	0.150	1500
BEAD0603S201A30T	200 $\pm$ 25%	100	0.040	3000
BEAD0603S221A15T	220 $\pm$ 25%	100	0.150	1500
BEAD0603S221A20T	220 $\pm$ 25%	100	0.100	2000
BEAD0603S301A20T	300 $\pm$ 25%	100	0.100	2000
BEAD0603S501A15T	500 $\pm$ 25%	100	0.150	1500
BEAD0603S601A10T	600 $\pm$ 25%	100	0.200	1000
BEAD0603S601A20T	600 $\pm$ 25%	100	0.100	2000
BEAD0603S102A04T	1000 $\pm$ 25%	100	0.250	400
BEAD0603S122A08T	1200 $\pm$ 25%	100	0.25	800
BEAD0603S152A05T	1500 $\pm$ 25%	100	0.40	500

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ORDERING CORE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)MAX	Rated Current (mA)MAX
BEAD0805S100A10T	10 $\pm$ 25%	100	0.200	1000
BEAD0805S100A60T	10 $\pm$ 25%	100	0.010	6000
BEAD0805S220A60T	22 $\pm$ 25%	100	0.010	6000
BEAD0805S330A40T	33 $\pm$ 25%	100	0.035	4000
BEAD0805S400A08T	40 $\pm$ 25%	100	0.250	800
BEAD0805S420A40T	42 $\pm$ 25%	100	0.035	4000
BEAD0805S520A10T	52 $\pm$ 25%	100	0.200	1000
BEAD0805S600A30T	60 $\pm$ 25%	100	0.040	3000
BEAD0805S600A40T	60 $\pm$ 25%	100	0.035	4000
BEAD0805S700A30T	70 $\pm$ 25%	100	0.040	3000
BEAD0805S800A40T	80 $\pm$ 25%	100	0.035	4000
BEAD0805S800A50T	80 $\pm$ 25%	100	0.020	5000
BEAD0805S101A30T	100 $\pm$ 25%	100	0.040	3000
BEAD0805S121A30T	120 $\pm$ 25%	100	0.040	3000
BEAD0805S121A40T	120 $\pm$ 25%	100	0.035	4000
BEAD0805S121A50T	120 $\pm$ 25%	100	0.020	5000
BEAD0805S151A40T	150 $\pm$ 25%	100	0.035	4000
BEAD0805S201A40T	200 $\pm$ 25%	100	0.035	4000
BEAD0805S221A30T	220 $\pm$ 25%	100	0.040	3000
BEAD0805S301A10T	300 $\pm$ 25%	100	0.200	1000
BEAD0805S301A40T	300 $\pm$ 25%	100	0.040	4000
BEAD0805S401A30T	400 $\pm$ 25%	100	0.040	3000
BEAD0805S601A10T	600 $\pm$ 25%	100	0.200	1000
BEAD0805S601A20T	600 $\pm$ 25%	100	0.100	2000
BEAD0805S102A10T	1000 $\pm$ 25%	100	0.200	1000
BEAD0805S152A03T	1500 $\pm$ 25%	100	0.500	300
BEAD0805S152A08T	1500 $\pm$ 25%	100	0.500	800

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ORDERING CORE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)MAX	Rated Current (mA)MAX
BEAD1206S260A60T	26 $\pm$ 25%	100	0.010	6000
BEAD1206S300A60T	30 $\pm$ 25%	100	0.010	6000
BEAD1206S320A40T	32 $\pm$ 25%	100	0.035	4000
BEAD1206S480A60T	48 $\pm$ 25%	100	0.010	6000
BEAD1206S500A40T	50 $\pm$ 25%	100	0.035	4000
BEAD1206S500A60T	50 $\pm$ 25%	100	0.010	6000
BEAD1206S600A60T	60 $\pm$ 25%	100	0.010	6000
BEAD1206S700A30T	70 $\pm$ 25%	100	0.040	3000
BEAD1206S800A40T	80 $\pm$ 25%	100	0.035	4000
BEAD1206S101A30T	100 $\pm$ 25%	100	0.040	3000
BEAD1206S101A60T	100 $\pm$ 25%	100	0.010	6000
BEAD1206S121A30T	120 $\pm$ 25%	100	0.040	3000
BEAD1206S121A50T	120 $\pm$ 25%	100	0.020	5000
BEAD1206S121A60T	120 $\pm$ 25%	100	0.010	6000
BEAD1206S151A09T	150 $\pm$ 25%	100	0.200	900
BEAD1206S201A15T	200 $\pm$ 25%	100	0.150	1500
BEAD1206S301A10T	300 $\pm$ 25%	100	0.200	1000
BEAD1206S301A20T	300 $\pm$ 25%	100	0.100	2000
BEAD1206S391A20T	390 $\pm$ 25%	100	0.100	2000
BEAD1206S501A20T	500 $\pm$ 25%	100	0.100	2000
BEAD1206S501A30T	500 $\pm$ 25%	100	0.060	3000
BEAD1206S501A40T	500 $\pm$ 25%	100	0.055	4000
BEAD1206S601A20T	600 $\pm$ 25%	100	0.100	2000
BEAD1206S601A30T	600 $\pm$ 25%	100	0.060	3000
BEAD1206S601A40T	600 $\pm$ 25%	100	0.055	4000
BEAD1206S102A10T	1000 $\pm$ 25%	100	0.200	1000

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詳細規格及參數介紹

ORDERING CORE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)MAX	Rated Current (mA)MAX
BEAD1210S280A40T	28 $\pm$ 25%	100	0.035	4000
BEAD1210S600A15T	60 $\pm$ 25%	100	0.150	1500
BEAD1210S121A40T	120 $\pm$ 25%	100	0.035	4000
BEAD1210S151A50T	150 $\pm$ 25%	100	0.020	5000
BEAD1210S201A40T	200 $\pm$ 25%	100	0.035	4000
BEAD1210S301A30T	300 $\pm$ 25%	100	0.040	3000
BEAD1210S301A40T	300 $\pm$ 25%	100	0.035	4000
BEAD1210S301A50T	300 $\pm$ 25%	100	0.025	5000
BEAD1210S102A20T	1000 $\pm$ 25%	100	0.100	2000

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ORDERING CORE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)MAX	Rated Current (mA)MAX
BEAD1806S600A60T	60 $\pm$ 25%	100	0.010	6000
BEAD1806S750A30T	75 $\pm$ 25%	100	0.040	3000
BEAD1806S800A40T	80 $\pm$ 25%	100	0.030	4000
BEAD1806S111A40T	110 $\pm$ 25%	100	0.035	4000
BEAD1806S151A20T	150 $\pm$ 25%	100	0.100	2000
BEAD1806S102A15T	1000 $\pm$ 25%	100	0.090	1500

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ORDERING CORE	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)MAX	Rated Current (mA)MAX
BEAD1812S800A60T	80 $\pm$ 25%	100	0.010	6000
BEAD1812S900A60T	90 $\pm$ 25%	100	0.015	6000
BEAD1812S900A90T	90 $\pm$ 25%	100	0.010	9000
BEAD1812S121A40T	120 $\pm$ 25%	100	0.030	4000
BEAD1812S121A60T	120 $\pm$ 25%	100	0.015	6000
BEAD1812S121A90T	120 $\pm$ 25%	100	0.010	9000
BEAD1812S151A50T	150 $\pm$ 25%	100	0.020	5000
BEAD1812S681A40T	680 $\pm$ 25%	100	0.035	4000
BEAD1812S102A30T	1000 $\pm$ 25%	100	0.040	3000
BEAD1812S132A30T	1300 $\pm$ 25%	100	0.040	3000

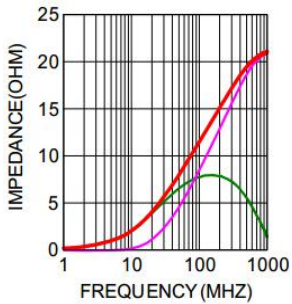
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◎ Test curve of reference as follows

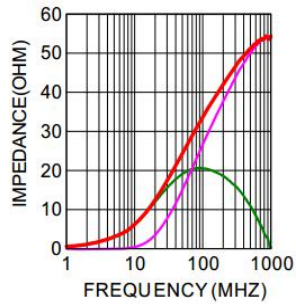
測試曲線參考如下：

— Z — R — XL

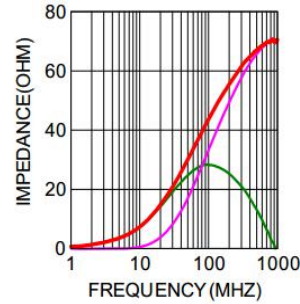
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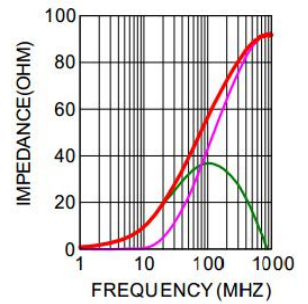
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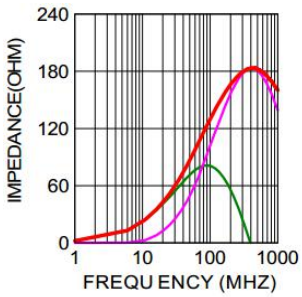
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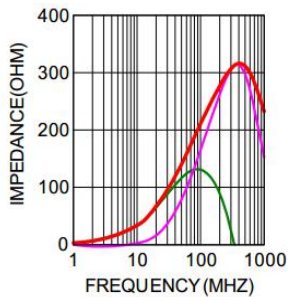
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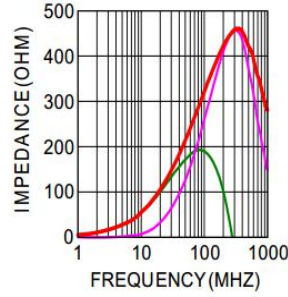
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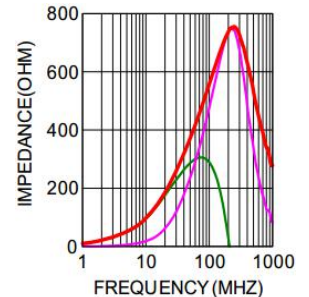
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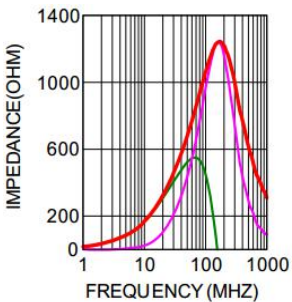
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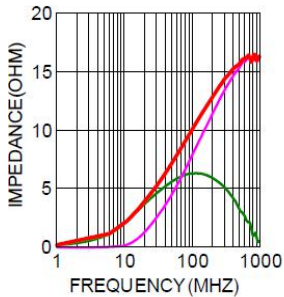
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◎ Test curve of reference as follows

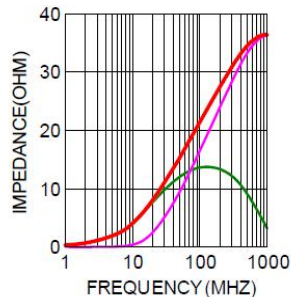
測試曲線參考如下：

— Z — R — XL

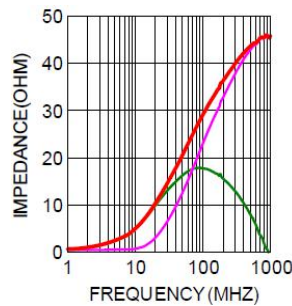
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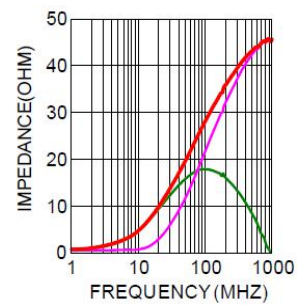
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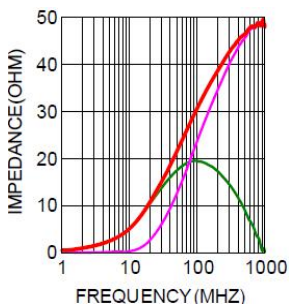
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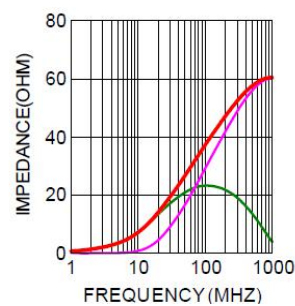
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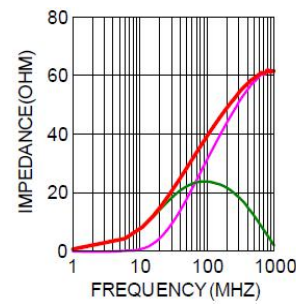
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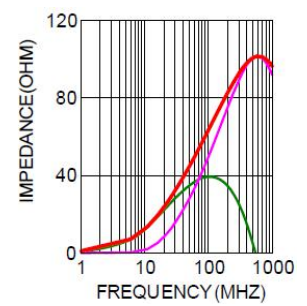
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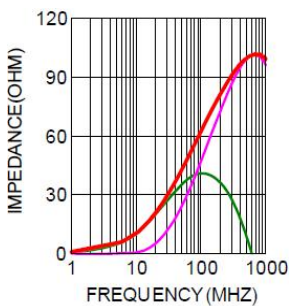
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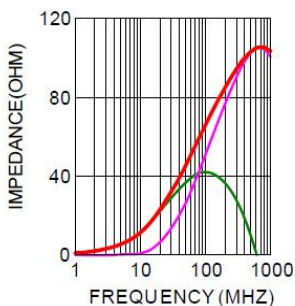
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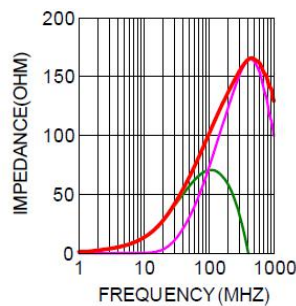
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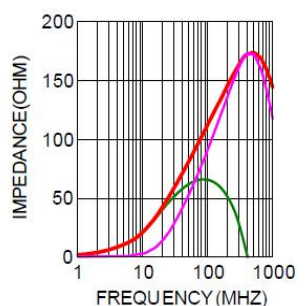
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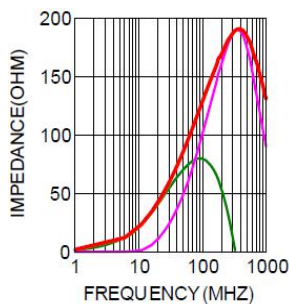
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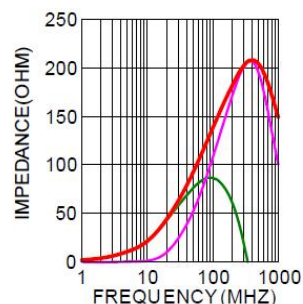
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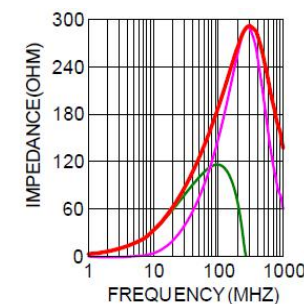
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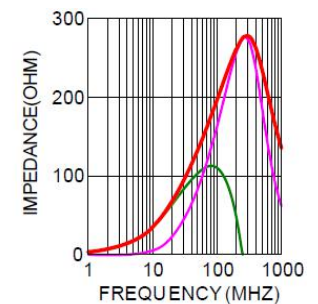
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BEAD0603S181A15T



BEAD0603S201A30



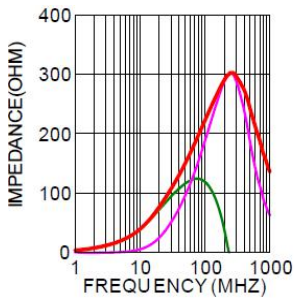
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◎ Test curve of reference as follows

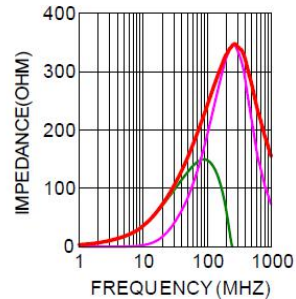
測試曲線參考如下：

— Z — R — XL

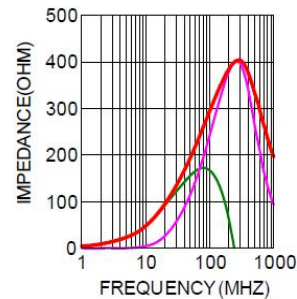
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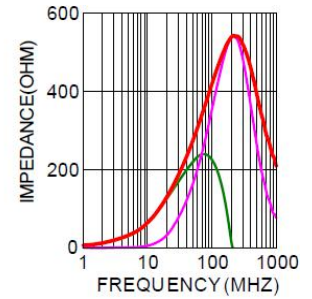
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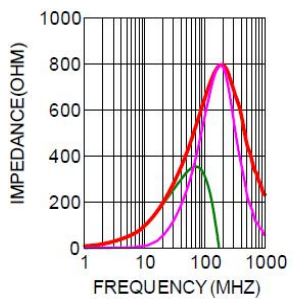
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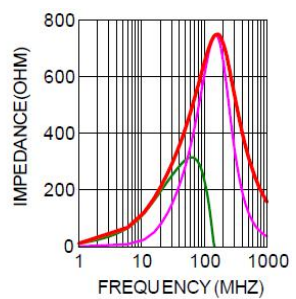
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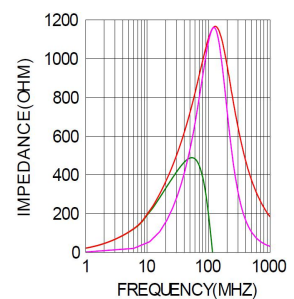
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BEAD0603S601A20T



BEAD0603S102A04T



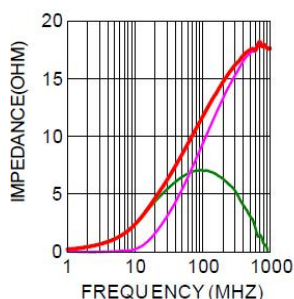
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◎ Test curve of reference as follows

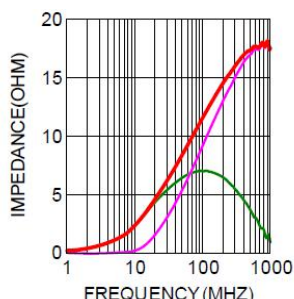
測試曲線參考如下：

— Z — R — XL

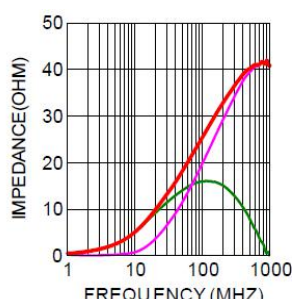
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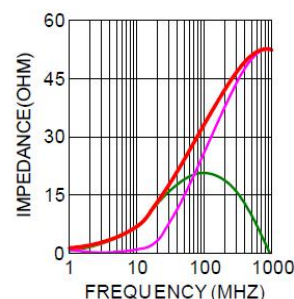
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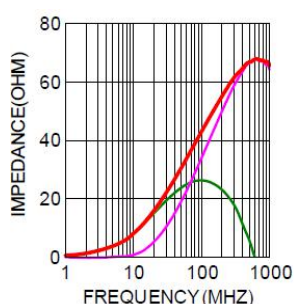
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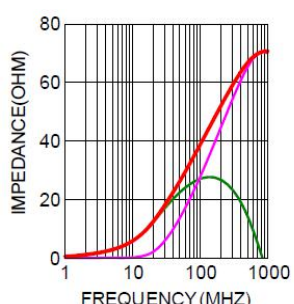
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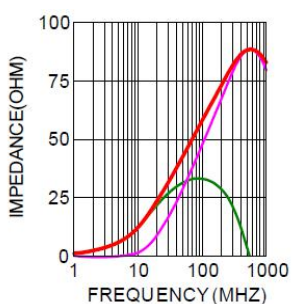
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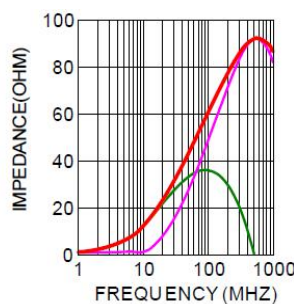
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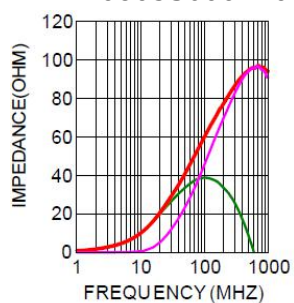
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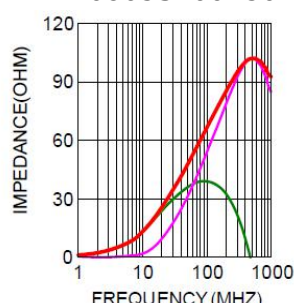
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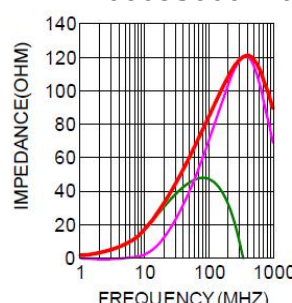
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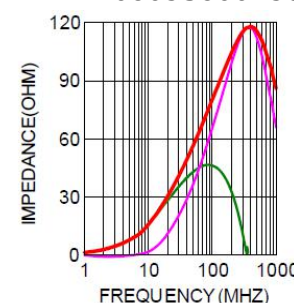
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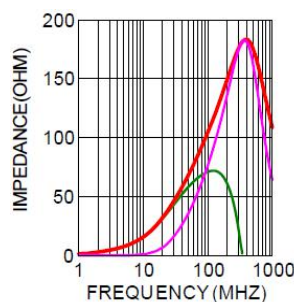
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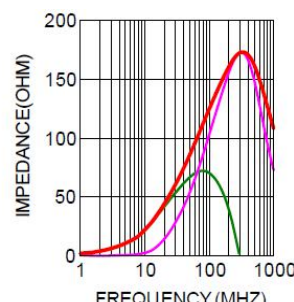
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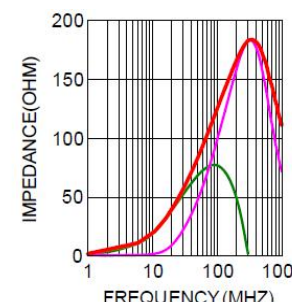
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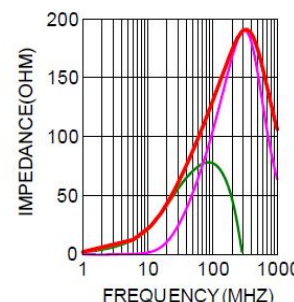
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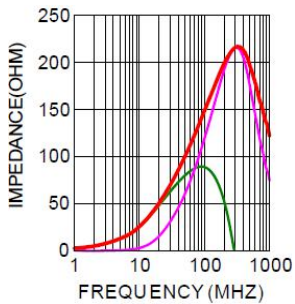
Multilayer Chip Large Current Bead

◎ Test curve of reference as follows

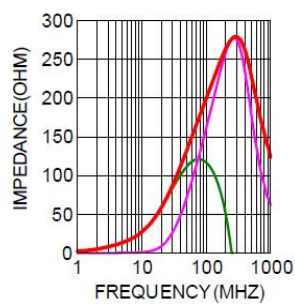
測試曲線參考如下：

— Z — R — XL

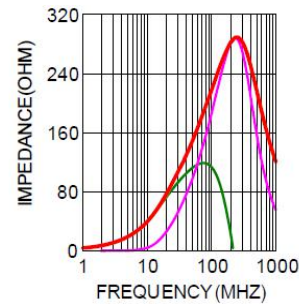
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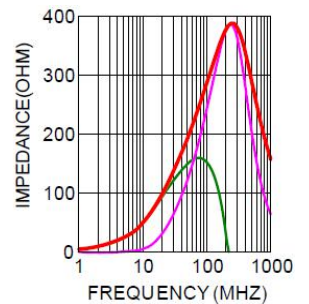
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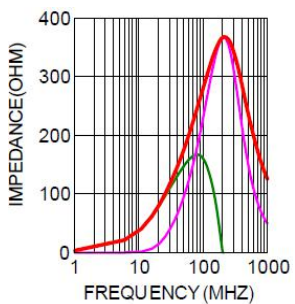
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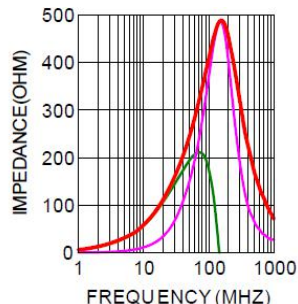
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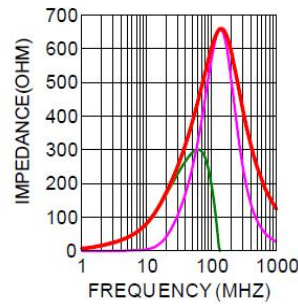
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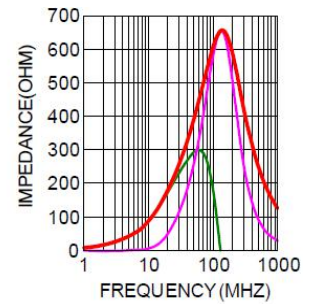
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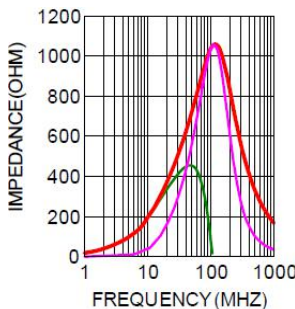
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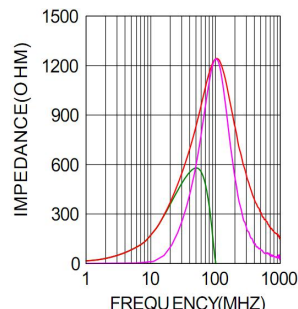
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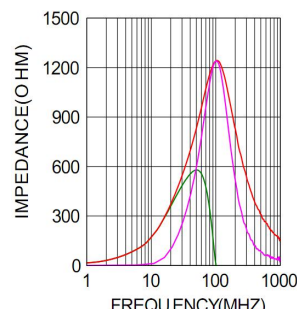
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BEAD0805S152A08T



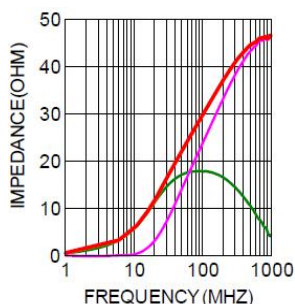
Multilayer Chip Large Current Bead

◎ Test curve of reference as follows

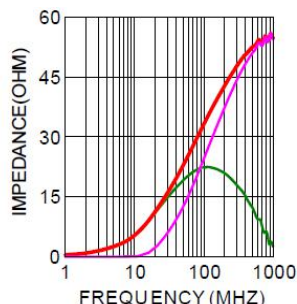
測試曲線參考如下：

— Z — R — XL

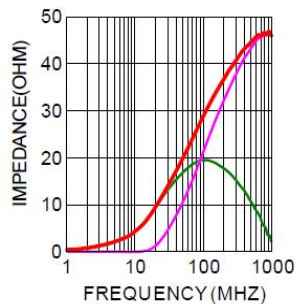
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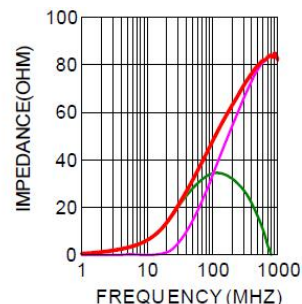
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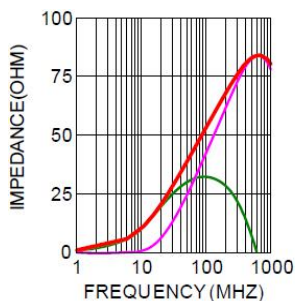
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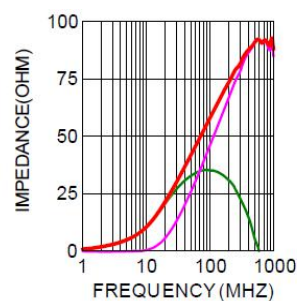
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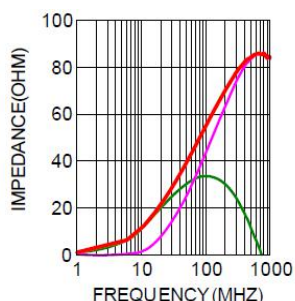
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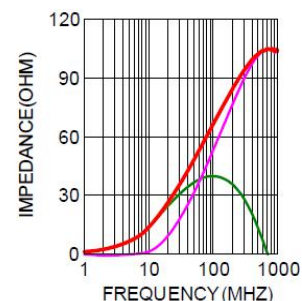
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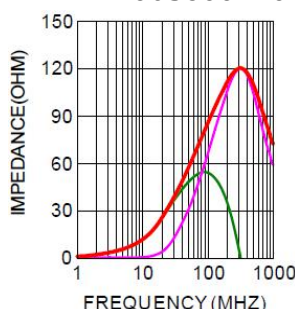
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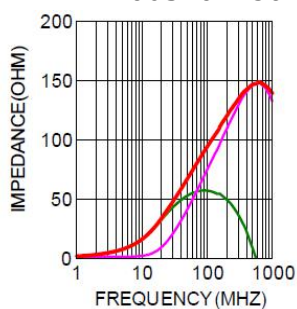
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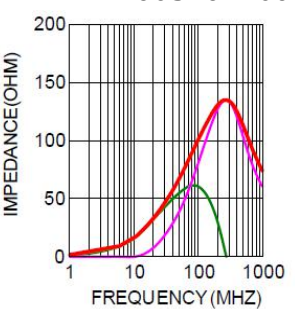
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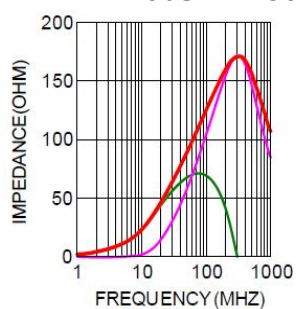
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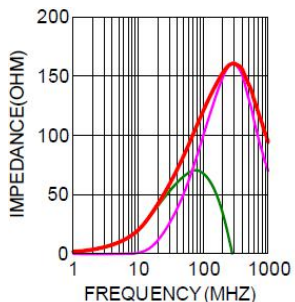
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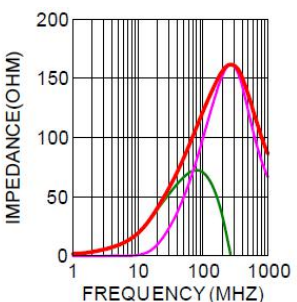
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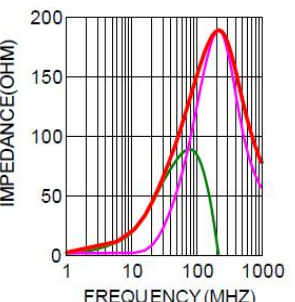
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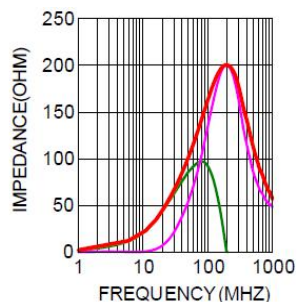
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BEAD1206S151A09T



BEAD1206S201A15T



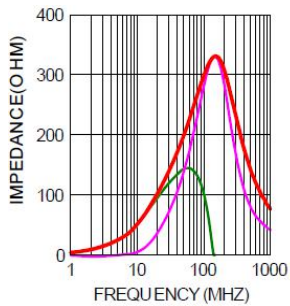
Multilayer Chip Large Current Bead

◎ Test curve of reference as follows

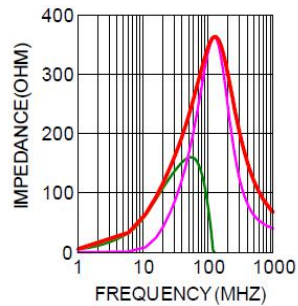
測試曲線參考如下：

— Z — R — XL

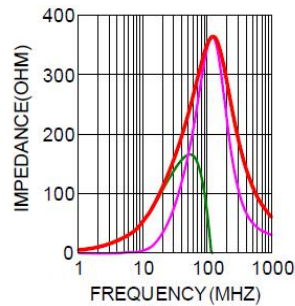
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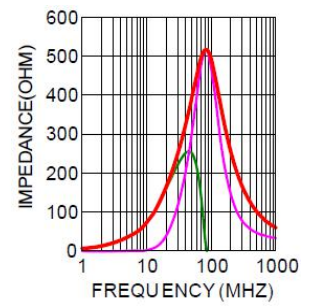
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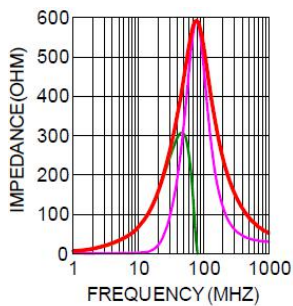
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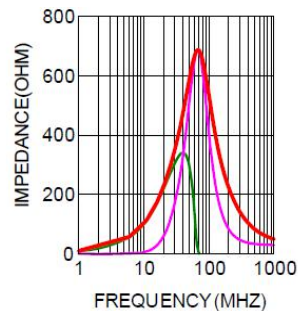
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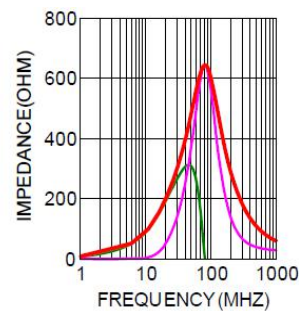
BEAD1206S501A30T



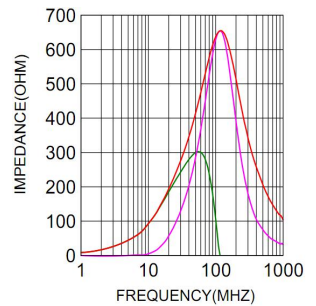
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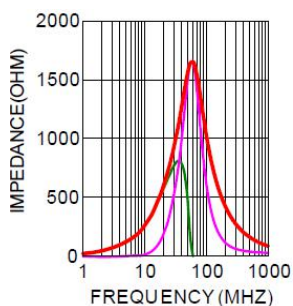
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BEAD1206S601A40T



BEAD1206S102A10T



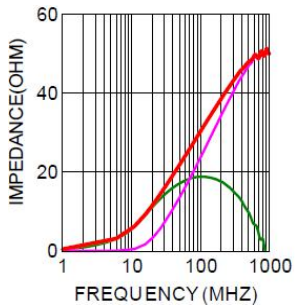
Multilayer Chip Large Current Bead

◎ Test curve of reference as follows

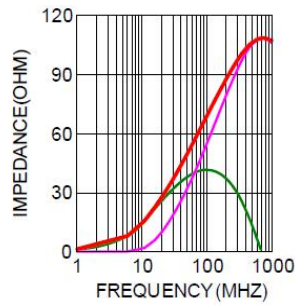
測試曲線參考如下：

— Z — R — XL

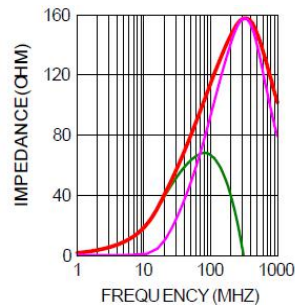
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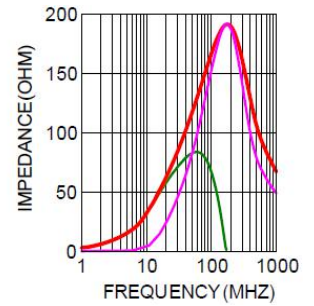
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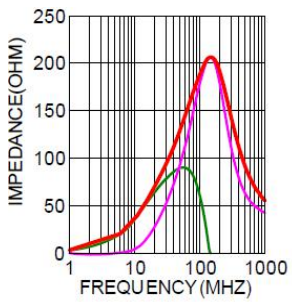
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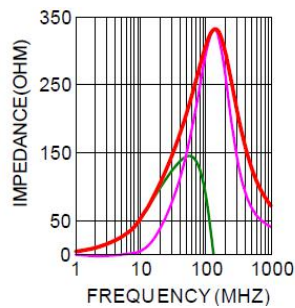
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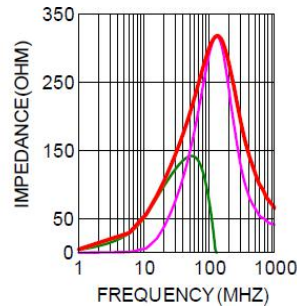
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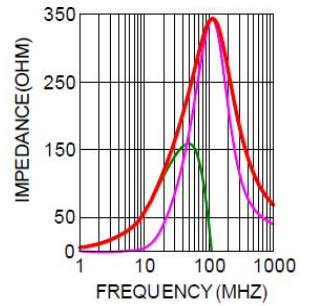
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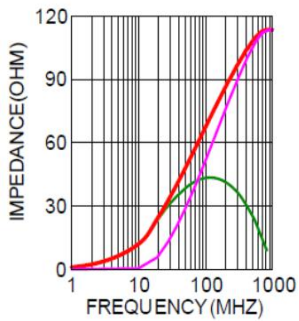
Multilayer Chip Large Current Bead

© Test curve of reference as follows

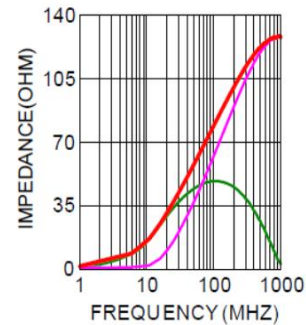
測試曲線參考如下：

— Z — R — XL

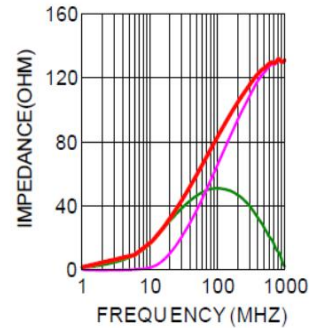
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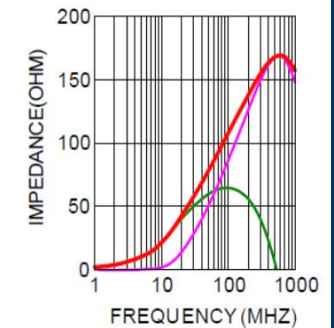
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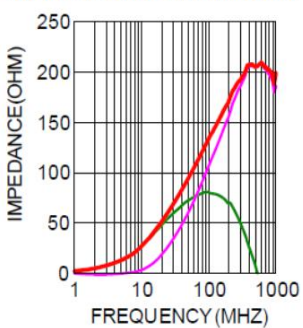
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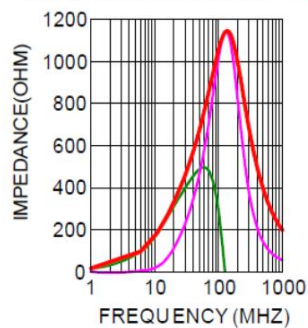
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BEAD1806S151A20T



BEAD1806S102A15T



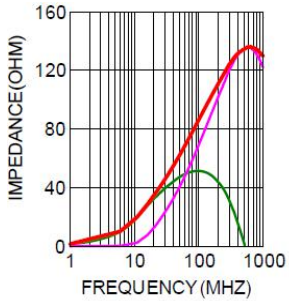
Multilayer Chip Large Current Bead

◎ Test curve of reference as follows

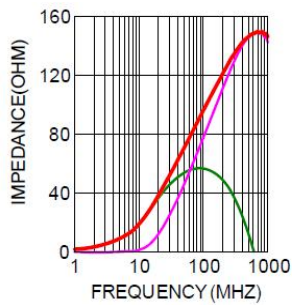
測試曲線參考如下：

— Z — R — XL

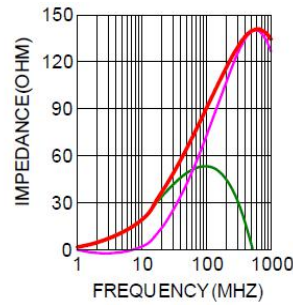
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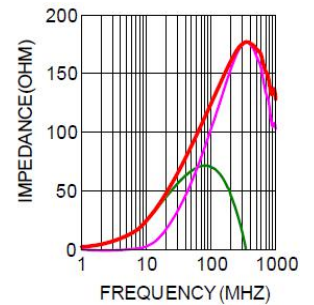
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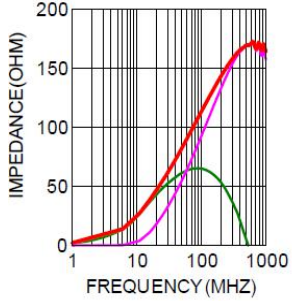
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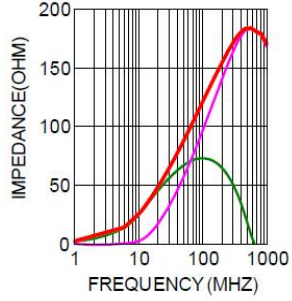
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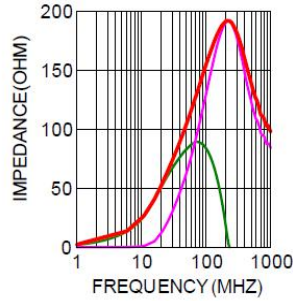
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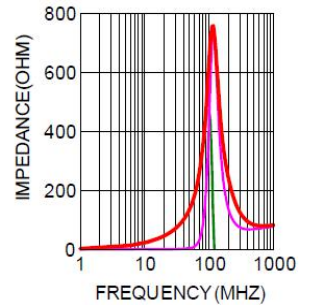
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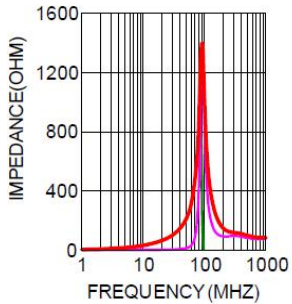
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BEAD1812S681A40T



BEAD1812S102A30T



BEAD1812S132A30T

