

MULTILAYER CERAMIC CHIP INDUCTORS 積層式陶瓷晶片電感

HBLS series for high frequency

HBLS 系列適用於高頻率產品

INTRODUCTION 產品簡介

Multilayer inductor HBL series made of advanced ceramics and low resistance silver conductors provides excellent Q and SRF characteristics.

HBLS 系列積層式電感是由瓷料和低阻抗的銀導體組成,提供優越之品質係數及共振頻率

FEATURES 特徵

- 1.Supports operating frequency bands up to 10GHz .
操作頻率可達 10 GHZ
- 2.Provides high Q characteristics.
提供高的品質係數
- 3.Monolithic structure for high reliability.
單體結構確保高可靠性
- 4.Excellent solderability and high heat resistance for either flow or reflow soldering.
有良好的焊錫性及耐熱性, 適合 flow 及 reflow 兩種鉚錫方式



APPLICATION 產品應用

For high-frequency application such as: 高頻率的應用如下:

- 1.Mobile phones. 行動電話
- 2.Personal Computers and Computer peripherals . 個人電腦及電腦週邊設備
- 3.Cordless phones. 無線電話
- 4.Pagers and personal handy-phone systems (PHS). 呼叫器及個人手提電話系統

PART NUMBER SYSTEM 編號系統

HBL S 1608 1N5 K

Inductance tolerance 電感值公差

S-- $\pm 0.3\text{nH}$ D-- $\pm 0.5\text{nH}$ J-- $\pm 5\%$ K-- $\pm 10\%$

Inductance value code 電感值

Expressed in nH, 以 nH 表示

Example: 例如

1N0-----1.0 nH

1N5-----1.5 nH

R10-----100 nH

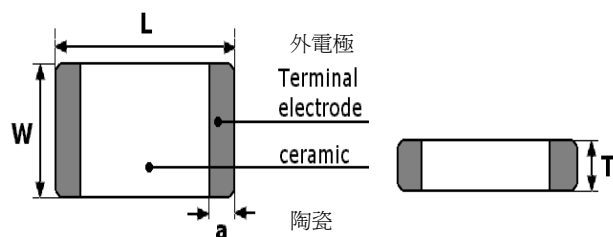
Size code 尺寸碼 Dimensions L×W, 尺寸 長 x 寬

1608 1.6×0.8(mm)

Lead Free 無鉛碼

Product series code 產品系列碼

SHAPES AND DIMENSIONS 形狀和尺寸



SHAPE 尺寸	L 長 m/m	W 寬 m/m	T 厚 m/m	a 銀寬 m/m
0603(0201)	0.6 $\pm$ 0.03	0.3 $\pm$ 0.03	0.33Max	0.1~0.2
1005(0402)	1.0 $\pm$ 0.05	0.5 $\pm$ 0.05	0.5 $\pm$ 0.05	0.1~0.3
1608(0603)	1.6 $\pm$ 0.15	0.8 $\pm$ 0.15	0.8 $\pm$ 0.15	0.2~0.6
2012(0805)	2.0 $\pm$ 0.2	1.25 $\pm$ 0.2	*	0.2~0.8

*Please refer to the detailed figures shown in the HBLS2012 series table

厚度請參考 HBLS2012 系列特性表

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