

MULTILAYER CHIP INDUCTORS

積層式晶片電感

EBLS series 系列

INTRODUCTION 產品簡介

Multilayer chip inductors use magnetic material and multilayer technology in producing revolutionary inductors which do not use any wire windings. Ferrite paste and electric conductor paste are alternately layered and sintered into a completely monolithic structure to form an inductor with a perfectly closed magnetic circuit and an excellent magnetic shield.

積層式晶片電感在製造改革上使用磁性材質和積層式的技術,而沒有任何線圈纏繞,以氧化鐵調料及內電極銀漿一層一層印刷再燒結生成的電感有完美的密閉式磁性電路及優良的磁性保護,形成完整的單石結構

FEATURES 特色

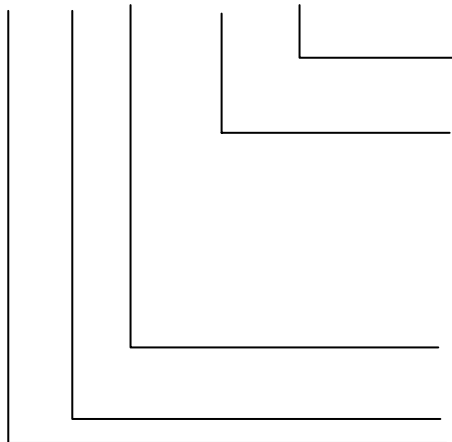
1. Monolithic structure for high reliability.
單體結構確保高信賴性
2. No cross coupling between inductors due to magnetic shield. Ideal for high density installation.
經由磁性保護, 電感間無交互耦合現象, 適合高密度配置
3. Dimensions are unified for automatic mounting.
尺寸統一適合自動化表面黏著
4. Excellent solderability and high heat resistance for either flow or reflow soldering.
優良的焊錫性及耐熱性, 適合 flow 及 reflow 兩種錫焊方式
5. Closed magnetic circuit avoids crosstalk and is suitable for high density printed circuit boards.
密閉的磁性電路可避免串音, 適合高密度之印刷電路板

APPLICATION 產品應用

1. Personal or notebook computers and peripheral equipment (CD-ROM, Hard Disk, Modem, Printers).
個人電腦, 手提電腦及其他周邊設備(光碟機, 硬碟機, 數據機, 印表機)
2. Other various electronic appliances.
其他各式電子產品

PART NUMBER SYSTEM 產品系統

EBL S 1608 47N K

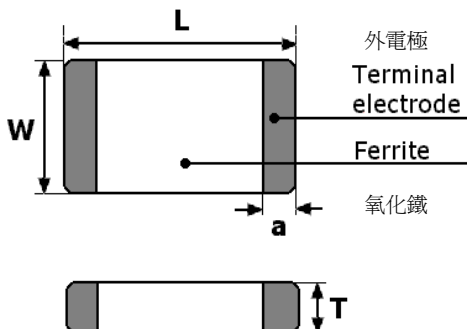


Inductance tolerance 電感值公差
G--±2% J--±5% K--±10% M--±20%

Inductance value code. 電感值碼
Expressed in nH or μ H 以 nH 或 μ H 表示
1 μ H=1000nH
Example: 例如
47N----- 47 nH
R15----- 0.15 μ H
1R0----- 1.0 μ H

Size code 尺寸碼
Dimensions L×W 1608 1.6×0.8(mm)
Lead Free -無鉛
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
1608(0603)	1.6±0.15	0.8±0.15	0.8±0.15	0.2~0.6
2012(0805)	2.0±0.2	1.25±0.2	*	0.2~0.8
3216(1206)	3.2±0.2	1.6±0.2	*	0.4~1.0
3225(1210)	3.2±0.2	2.5±0.2	*	0.6~1.0
4532(1812)	4.5±0.2	3.2±0.2	*	0.6~1.0

*Please refer to the detailed figures shown in the EBL2012 / 3216 / 3225 / 4532 series tables
厚度請參考 EBL2012 / 3216 / 3225 / 4532 系列特性表

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