

High Current Ferrite Chip Bead 大電流鐵氧磁體晶片磁珠

Specifications

Impedance Range : 30 to 1300 Ohms

Operating Temperature Range : -55°C to +125°C

Soldering Method : Reflow or Wave Soldering

Packaging Method : Tape & Reel (per EIA Specifications)

Storage Temperature : -40°C to +85°C, 70% RH Max

阻抗值範圍：30 至 1300 Ohms

操作溫度範圍：-55°C 至 +125°C

焊法：迴焊或波焊

包裝：捲帶（依EIA規格）

儲存溫度：-40°C 至 +85°C，相對溼度上限：70%

Features 特色

Combination of high frequency noise suppression with capability of handling high current. The current rating up to 6 Amps with low DCR.

具備高頻雜訊抑制之功能和高電流處理之能力，額定電流可達6安培並同時擁有低直流電阻特性。

Application Field 應用領域

High current DC power lines 大電流之直流電源線路

Circuits where a stable ground is unavailable 無固定接地之線路



Series 產品系列	Size 尺寸	Impedance 阻抗(Ω)	Test Freq. 測試頻率(MHz)	DCR max. 直流電阻最大值(Ω)	Rated Current 額定電流(A)
CH0603	1.6(L)* 0.8(W)* 0.8(T) mm/ 0.06(L)* 0.03(W)* 0.03(T) inch	60-120	100	0.1	2
CH0805	2.0(L)* 1.25(W)* 0.9(T) mm/ 0.08(L)* 0.05(W)* 0.035(T) inch	30-600	100	0.015-0.1	6-2
CH1206	3.2(L)* 1.6(W)* 1.1(T) mm/ 0.126(L)* 0.06(W)* 0.04(T) inch	50-600	100	0.02-0.1	6-2.5
CH1806	4.5(L)* 1.6(W)* 1.6(T) mm/ 0.18(L)* 0.06(W)* 0.06(T) inch	60	100	0.02	6
CH1812	4.5(L)* 3.2(W)* 1.5(T) mm/ 0.18(L)* 0.126(W)* 0.06(T) inch	120-1300	100-50	0.02-0.05	6-3

High Speed Ferrite Chip Bead 高速鐵氧磁體晶片磁珠

Specifications

Impedance Range : 20 to 1000 Ohms

Operating Temperature Range : -55°C to +125°C

Soldering Method : Reflow or Wave Soldering

Packaging Method : Tape & Reel (per EIA Specifications)

Storage Temperature : -40°C to +85°C, 70% RH Max

阻抗值範圍：20 至 1000 Ohms

操作溫度範圍：-55°C 至 +125°C

焊法：迴焊或波焊

包裝：捲帶（依EIA規格）

儲存溫度：-40°C 至 +85°C，相對溼度上限：70%

Application Field 應用領域

Filtering between analog and digital circuitry, clock generation circuitry, I/O interconnects, isolation between RF noisy circuits and logic devices susceptible to functional degradation, power supply filtering to prevent conducted RF energy from corrupting the power generation circuitry. Sharp impedance characteristics can effectively minimize attenuation, high frequency EMI prevention of LCD monitor, PDA, computers, computer peripherals, cellular equipment, digital TV, digital cameras, audio/visual equipment, DVD, wireless communication devices, MP3.

類比與數位線路間的濾波、週期性訊號線路、輸入/輸出連接、隔絕微波雜訊線路與容易功能性衰減的邏輯運算元件、過濾微波雜訊以確保電源供應器所提供之能量品質。陡峭的阻抗特性能有效減少液晶螢幕、PDA、電腦、電腦週邊設備、數位電視、數位相機、視聽設備、DVP、MP3等之訊號衰減及高頻電磁波干擾之抑制。



Series 產品系列	Size 尺寸	Impedance 阻抗(Ω)	Test Freq. 測試頻率(MHz)	DCR max. 直流電阻最大值(Ω)	Rated Current 額定電流(mA)
CE0603	1.6(L)*0.8(W)*0.8(T)mm/ 0.06(L)*0.03(W)*0.03(T)inch	20-600	100	0.25-0.5	200-500
CE0804	2.0(L)*1.25(W)*0.9(T)mm/ 0.08(L)*0.05(W)*0.035(T)inch	100-600	100	0.25-0.35	200
CE1206	3.2(L)*1.6(W)*1.1(T)mm/ 0.126(L)*0.06(W)*0.04(T)inch	120-600	100	0.2-0.45	200