

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

HPB Series(2012 Size)

Ferrite Chip Bead for Power Supply Line Applications.

適用於電源供應線路應用之鐵氧體晶片磁珠



Features

1. Closed magnetic circuit structure allows high density mounting while preventing crosstalk.
2. Extremely high reliability due to entirely monolithic construction.
3. Low Dc resistance structure of electrode to prevent wasteful electric power consumption.
4. High Current rating up to 5A

Applications

Highly suitable for noise suppression in DC power lines
For USB interface circuitry, hard disk drives, PCs and other General electronic equipment.

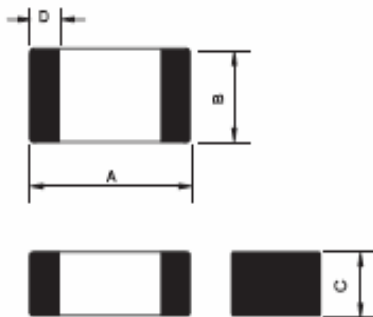
特徵

1. 對閉磁路結構，可高密度安裝並避免干擾。
2. 單石結，具高度可靠度。
3. 具低直流電阻結構之電極，可避免功率消耗之浪費。
4. 高額定電流達 5 安培。

應用

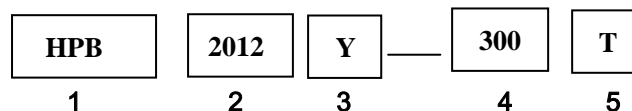
非常適合用於 USB 介面電路、硬式磁碟機、個人電腦和其他電腦周邊設備中直流電源線上之雜訊抑制。

Dimensions



Chip size				
Size	A(mm)	B(mm)	C(mm)	D(mm)
2012	2.0±0.2	1.25±0.2	0.85±0.2	0.5±0.3

Part Numbering



1. Series
2. Dimension : A*B
3. Rated Current: A=50mA, B=80mA, C=100mA, D=150mA, E=200mA, F=250mA, G=300mA, H=350mA, I=400mA, J=450mA, K=500mA, L=550mA, M=600mA, N=650mA, O=700mA, P=750mA, Q=800mA, R=850mA, S=900mA, T=950mA, U₁=1A, U₂=1.5A, V₁=2A, V₂=2.5A, W=3A, X=4A, Y=5A, Z=6A
5. Impedance: 30=30Ohm 300=30 Ohm 301=300 Ohm
6. Packaging: T=Taping & Reel, B=Bulk

HPB Series

Part Number	Impedance (Ohm)	Test Frequency (MHz)	Rated Current (mA) max	DCR (Ohm) max.
HPB2012Y-300T	30±25%	100	5000	0.01
HPB2012X-101T	50±25%	100	4000	0.02
HPB2012V-221T	80±25%	100	3000	0.04
HPB2012U ₂ -331T	120±25%	100	2500	0.05
HPB2012U ₁ -471T	150±25%	100	2000	0.08/
HPB2012T ₂ -601T	300±25%	100	1500	0.10