



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



VLS-HBX-1 Series Power Inductor Kit

Commercial Grade Power Inductor Sample Kit



TDK's VLS-HBX-1 Series Power Inductors are magnetically shielded, wire wound inductors with a metallic magnetic core designed for use in power circuit applications. The VLS-HBX-1 series has high magnetic shield construction and is compatible with high-density mounting. The large current of the VLS-HBX-1 series was achieved with the use of the metallic magnetic core material.



Features

- Magnetically shielded, wire wound inductor with metallic magnetic core
- Conforms to RoHS directive, halogen free, & compatible with lead-free soldering
- Standard operating temperature range of -40°C to $+105^{\circ}\text{C}$
- Storage temperature range of -40°C to $+105^{\circ}\text{C}$ (after PC board mounting)

Commercial

Power



Applications

- Smart phones
- Tablet Terminals
- HDDs, SSDs, DVCs, DSCs
- Mobile display panels
- Portable game devices
- Compact power supply modules

[VLS201610HBX-1](#)
[VLS201612HBX-1](#)
[VLS252010HBX-1](#)
[VLS252012HBX-1](#)

VLS-HBX-1 Series Power Inductor Kit Includes:

Case Sizes: 201610, 201612, 252010, 252012

Inductance Range: 0.24-10 μH

Current Rating: 0.97-7.1A

Kit contains 180 pieces total—6 pieces per value

Now Available at:



[445-174861-KIT-ND](#)

Click the links above for ordering information.

VLS-HBX-1 Series Power Inductors Kit Includes:

Digi-Key Part Number	TDK Part Number	Case Size Inductance Value Tol
445-174861-KIT-ND	VLS201610HBX-R47M-1	201610 0.47±20%
	VLS201610HBX-R68M-1	201610 0.68±20%
	VLS201610HBX-1R0M-1	201610 1.0±20%
	VLS201610HBX-1R5M-1	201610 1.5±20%
	VLS201610HBX-2R2M-1	201610 2.2±20%
	VLS201610HBX-4R7M-1	201610 4.7±20%
	VLS201610HBX-6R8M-1	201610 6.8±20%
	VLS201612HBX-R24M-1	201612 0.24±20%
	VLS201612HBX-R47M-1	201612 0.47±20%
	VLS201612HBX-R68M-1	201612 0.68±20%
	VLS201612HBX-1R0M-1	201612 1.0±20%
	VLS201612HBX-2R2M-1	201612 2.2±20%
	VLS201612HBX-4R7M-1	201612 4.7±20%
	VLS252010HBX-R33M-1	252010 0.33±20%
	VLS252010HBX-R47M-1	252010 0.47±20%
	VLS252010HBX-1R0M-1	252010 1.0±20%
	VLS252010HBX-1R5M-1	252010 1.5±20%
	VLS252010HBX-2R2M-1	252010 2.2±20%
	VLS252010HBX-4R7M-1	252010 4.7±20%
	VLS252010HBX-6R8M-1	252010 6.8±20%
	VLS252010HBX-100M-1	252010 10±20%
	VLS252012HBX-R24M-1	252012 0.24±20%
	VLS252012HBX-R33M-1	252012 0.33±20%
	VLS252012HBX-R47M-1	252012 0.47±20%
	VLS252012HBX-1R0M-1	252012 1.0±20%
	VLS252012HBX-1R5M-1	252012 1.5±20%
	VLS252012HBX-2R2M-1	252012 2.2±20%
	VLS252012HBX-3R3M-1	252012 3.3±20%
	VLS252012HBX-4R7M-1	252012 4.7±20%
	VLS252012HBX-100M-1	252012 10±20%