



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!



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VLS-CX Series Power Inductor Kit

Commercial Grade Power Inductor Sample Kit

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



Features

- Magnetically shielded, wire wound inductor with ferrite 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

[VLS201610CX](#)

[VLS201612CX](#)

[VLS252010CX](#)

[VLS252012CX](#)

VLS-CX Series Power Inductor Kit Includes:

Case Sizes: 201610, 201612, 252010, 252012

Inductance Range: 0.24-22 μH

Current Rating: 0.56-4.35A

Kit contains 120 pieces total—6 pieces per value

Now Available at:



[445-174860-KIT-ND](#)

Click the links above for ordering information.

VLS-CX Series Power Inductors Kit Includes:

Digi-Key Part Number	TDK Part Number	Case Size Inductance Value Tol
445-174860-KIT-ND	VLS201610CX-R24M	201610 0.24 μ H \pm 20%
	VLS201610CX-R47M	201610 0.47 μ H \pm 20%
	VLS201610CX-1R5M	201610 1.5 μ H \pm 20%
	VLS201610CX-4R7M	201610 4.7 μ H \pm 20%
	VLS201610CX-100M	201610 10 μ H \pm 20%
	VLS201610CX-220M	201610 22 μ H \pm 20%
	VLS201612CX-1R0M	201612 1.0 μ H \pm 20%
	VLS201612CX-2R2M	201612 2.2 μ H \pm 20%
	VLS201612CX-4R7M	201612 4.7 μ H \pm 20%
	VLS201612CX-6R8M	201612 6.8 μ H \pm 20%
	VLS201612CX-100M	201612 10 μ H \pm 20%
	VLS252010CX-R47M	252010 0.47 μ H \pm 20%
	VLS252010CX-1R0M	252010 1.0 μ H \pm 20%
	VLS252012CX-1R0M	252012 1.0 μ H \pm 20%
	VLS252012CX-1R5M	252012 1.5 μ H \pm 20%
	VLS252012CX-2R2M	252012 2.2 μ H \pm 20%
	VLS252012CX-3R3M	252012 3.3 μ H \pm 20%
	VLS252012CX-4R7M	252012 4.7 μ H \pm 20%
	VLS252012CX-100M	252012 10 μ H \pm 20%
	VLS252012CX-150M	252012 15 μ H \pm 20%