



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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VLF-MT Series Power Inductor Kit

Commercial Grade Power Inductor Sample Kit

TDK's VLF-MT Series Power Inductors are magnetically shielded, wire wound inductors with a ferrite core designed for use in power circuit applications. The VLF-MT series has high magnetic shield construction and is compatible with high-density mounting. The low profile of the VLF-MT series makes it ideal for power circuit applications with height restrictions.



Features

- Magnetically shielded, wound ferrite type inductor
- 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)

Applications

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

Commercial

Power



[VLF302510MT](#)

[VLF302512MT](#)

[VLF302515MT](#)

[VLF403210MT](#)

[VLF403212MT](#)

[VLF403215MT](#)

VLF-MT Series Power Inductor Kit Includes:

Case Sizes: 302510, 302512, 302515, 403210, 403212, 403215

Inductance Range: 1-22 μH

Current Rating: 0.55-3.62A

Kit contains 168 pieces total—6 pieces per value

Now Available at:



[445-174862-KIT-ND](#)

Click the links above for ordering information.

VLF-MT Series Power Inductors Kit Includes:

Digi-Key Part Number	TDK Part Number	Case Size Inductance Value Tol
445-174862-KIT-ND	VLF302510MT-1R0N	302510 1 μ H \pm 30%
	VLF302510MT-3R3M	302510 3.3 μ H \pm 20%
	VLF302510MT-4R7M	302510 4.7 μ H \pm 20%
	VLF302510MT-100M	302510 10 μ H \pm 20%
	VLF302510MT-150M	302510 15 μ H \pm 20%
	VLF302512MT-1R0N	302512 1 μ H \pm 30%
	VLF302512MT-2R2M	302512 2.2 μ H \pm 20%
	VLF302512MT-3R3M	302512 3.3 μ H \pm 20%
	VLF302512MT-4R7M	302512 4.7 μ H \pm 20%
	VLF302512MT-100M	302512 10 μ H \pm 20%
	VLF302512MT-150M	302512 15 μ H \pm 20%
	VLF302515MT-1R0N	302515 1 μ H \pm 30%
	VLF302515MT-1R5N	302515 1.5 μ H \pm 30%
	VLF302515MT-2R2M	302515 2.2 μ H \pm 20%
	VLF302515MT-3R3M	302515 3.3 μ H \pm 20%
	VLF302515MT-4R7M	302515 4.7 μ H \pm 20%
	VLF302515MT-100M	302515 10 μ H \pm 20%
	VLF302515MT-150M	302515 15 μ H \pm 20%
	VLF403210MT-100M	403210 10 μ H \pm 20%
	VLF403210MT-220M	403210 22 μ H \pm 20%
	VLF403212MT-1R0N	403212 1 μ H \pm 30%
	VLF403212MT-2R2M	403212 2.2 μ H \pm 20%
	VLF403212MT-100M	403212 10 μ H \pm 20%
	VLF403215MT-1R0N	403215 1 μ H \pm 30%
	VLF403215MT-2R2M	403215 2.2 μ H \pm 20%
	VLF403215MT-4R7M	403215 4.7 μ H \pm 20%
	VLF403215MT-150M	403215 15 μ H \pm 20%
	VLF403215MT-220M	403215 22 μ H \pm 20%