

# VLS5045EX-KIT

## Wound Ferrite Power Inductor Sample Kit

### PRODUCT HIGHLIGHTS

- Magnetically shielded, wire wound inductors for power circuits
- Larger current and lower Rdc than conventional products
- Magnetic shield structure enables high-density mounting
- Stable manufacturing is ensured through use of automated production line
- Dimensions: 5.0 x 5.0 x 4.5 mm
- Operating temperature range of -40°C to +105°C



### APPLICATION EXAMPLES

- TV, STB, gaming equipment, other AV equipment

VLS5045EX-KIT Contents

TDK Part Number	Description	Quantity
VLS5045EX-1R0N	1μH ±30%, 8.9A, 19.5mΩ	6 pcs
VLS5045EX-1R5N	1.5μH ±30%, 7.4A, 22.1mΩ	6 pcs
VLS5045EX-2R2N	2.2μH ±30%, 6.4A, 28.6mΩ	6 pcs
VLS5045EX-3R3N	3.3μH ±30%, 5.2A, 35.1mΩ	6 pcs
VLS5045EX-4R7M	4.7μH ±20%, 4.4A, 46.8mΩ	6 pcs
VLS5045EX-6R8M	6.8μH ±20%, 3.6A, 59.8mΩ	6 pcs
VLS5045EX-100M	10μH ±20%, 3.1A, 79.3mΩ	6 pcs
VLS5045EX-150M	15μH ±20%, 2.2A, 143mΩ	6 pcs
VLS5045EX-220M	22μH ±20%, 2A, 162.5mΩ	6 pcs
VLS5045EX-330M	33μH ±20%, 1.5A, 312mΩ	6 pcs
VLS5045EX-470M	47μH ±20%, 1.3A, 390mΩ	6 pcs
VLS5045EX-151M	150μH ±20%, 0.56A, 949mΩ	6 pcs
VLS5045EX-221M	220μH ±20%, 0.45A, 1365mΩ	6 pcs

### DESIGN RESOURCES

- [VLS5045EX Datasheet](#)
- [VLS Series Power Inductor Product Overview](#)
- [Selection Guide - Inductors for Power Circuits](#)
- [Application Note - How to Use Power Inductors](#)

### Product Structure

