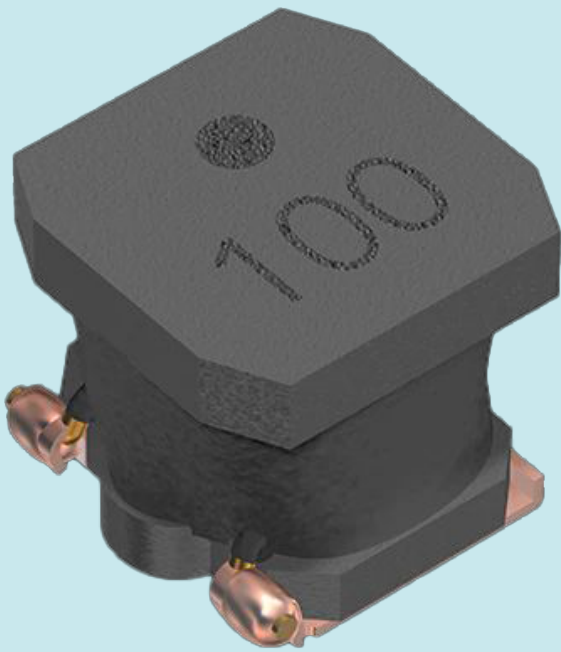


# VLS5045EX-KIT

Wound Ferrite Power Inductor  
Sample Kit



# VLS5045EX type

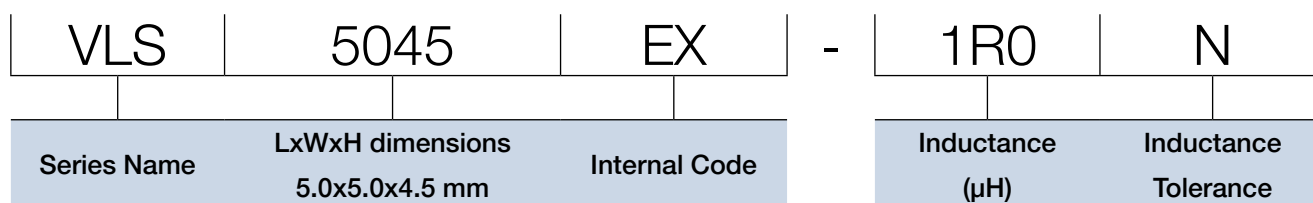
## Features

- Magnetic shield type wound inductor for power circuits
- High magnetic shield construction achieved by a ferrite magnetic material and compatible with high-density mounting
- Larger current and lower Rdc were achieved by optimizing the ferrite core figure

## Application

- TV, STB, gaming equipment, other AV equipment

## Part Number Construction



L ( $\mu$ H)	Tolerance	DC	Rated Current		Part Number	Kit Quantity
		Resistance typ. ( $\Omega$ ) $\pm 30\%$	Isat (A) max.	Itemp (A) typ.		
1.0	$\pm 30\%$	0.015	8.9	5.1	VLS5045EX-1R0N	6
1.5	$\pm 30\%$	0.017	7.4	5.0	VLS5045EX-1R5N	6
1.8	$\pm 30\%$	0.019	-	4.8	VLS5045EX-1R8N	6
2.2	$\pm 30\%$	0.022	6.4	4.7	VLS5045EX-2R2N	6
4.7	$\pm 20\%$	0.036	4.4	3.2	VLS5045EX-4R7M	6
6.8	$\pm 20\%$	0.046	3.6	2.9	VLS5045EX-6R8M	6
22	$\pm 20\%$	0.125	2.0	1.8	VLS5045EX-220M	6
33	$\pm 20\%$	0.24	1.5	1.3	VLS5045EX-330M	6
47	$\pm 20\%$	0.30	1.3	1.0	VLS5045EX-470M	6
68	$\pm 20\%$	0.41	1.1	0.9	VLS5045EX-680M	6
150	$\pm 20\%$	0.73	0.56	0.61	VLS5045EX-151M	6
220	$\pm 20\%$	1.05	0.45	0.45	VLS5045EX-221M	6