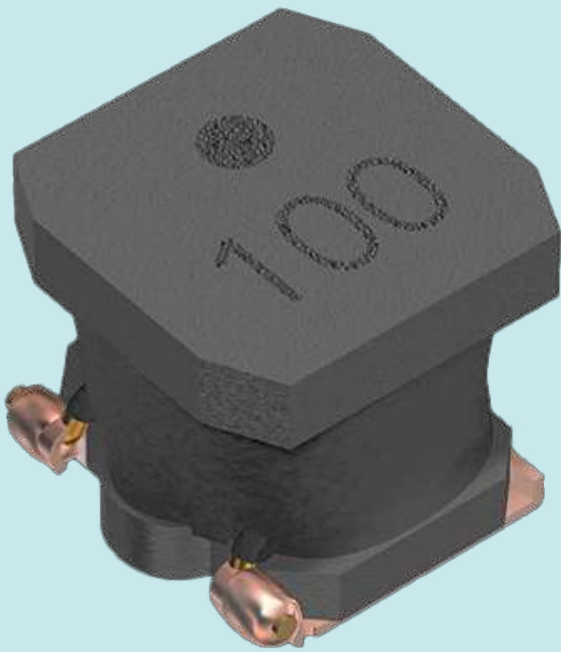


VLS5045EX-KIT

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

VLS	5045	EX	-	1R0	N
Series Name	LxWxH dimensions 5.0x5.0x4.5 mm	Internal Code		Inductance (μ H)	Inductance Tolerance

L (μ H)	Tolerance	DC	Rated Current		Part Number	Kit Quantity
		Resistance typ. (Ω) \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