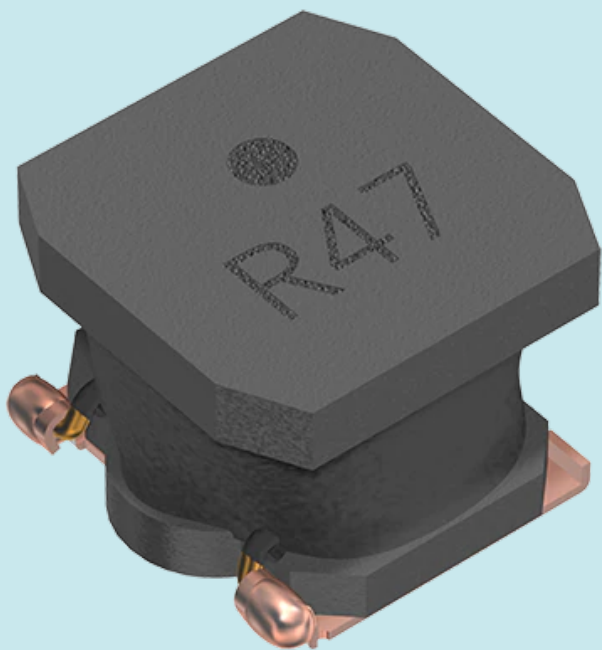


VLS6045EX-KIT

Wound Ferrite Power Inductor
Sample Kit



VLS6045EX 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
- Operating temperature range: -40 to +105°C (including self-temperature rise)

Application

- TV, STB, gaming equipment, other AV equipment

L (μH)	Tolerance	DC	Rated Current		Part Number	Kit Quantity
		Resistance typ. (Ω) ±30%	Isat (A) max.	Itemp (A) typ.		
0.47	±30%	0.010	13.5	7.0	VLS6045EX-R47N	6
1.0	±30%	0.012	12.0	6.0	VLS6045EX-1R0N	6
1.5	±30%	0.017	8.2	5.3	VLS6045EX-1R5N	6
2.2	±30%	0.019	7.5	5.1	VLS6045EX-2R2N	6
3.3	±30%	0.023	6.5	4.95	VLS6045EX-3R3N	6
4.7	±20%	0.027	5.8	4.2	VLS6045EX-4R7M	6
6.8	±20%	0.036	4.7	3.6	VLS6045EX-6R8M	6
10	±20%	0.047	3.9	3.4	VLS6045EX-100M	6
15	±20%	0.075	3.1	2.5	VLS6045EX-150M	6
22	±20%	0.105	2.4	1.9	VLS6045EX-220M	6
33	±20%	0.175	1.9	1.5	VLS6045EX-330M	6
47	±20%	0.23	1.8	1.3	VLS6045EX-470M	6
68	±20%	0.31	1.4	1.0	VLS6045EX-680M	6
100	±20%	0.47	1.1	0.9	VLS6045EX-101M	6
150	±20%	0.76	0.9	0.7	VLS6045EX-151M	6
220	20%	1.15	0.8	0.5	VLS6045EX-221M	6
330	20%	1.44	0.5	0.47	VLS6045EX-331M	6
470	20%	2.14	0.4	0.42	VLS6045EX-471M	6
680	20%	2.95	0.3	0.32	VLS6045EX-681M	6