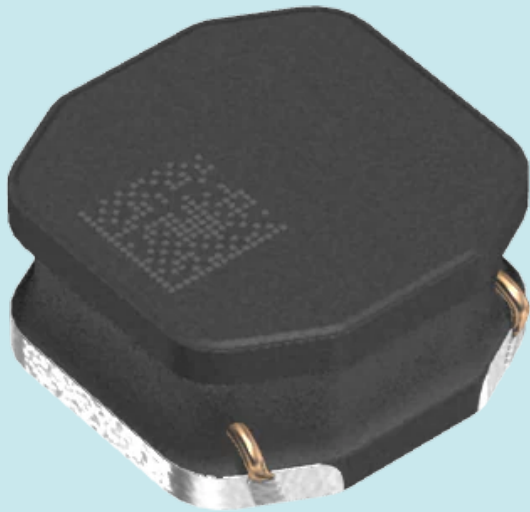


VLS4015CX-H-KIT

Wound Ferrite Automotive Power Inductor
Sample Kit



VLS4015CX-H type

AEC-Q200

Features

- Magnetic shield type wound inductor for power circuits using a ferrite magnetic material
- High magnetic shield construction and compatible with high-density mounting
- Larger current and lower Rdc were achieved by optimizing the ferrite core figure
- Operating temperature range: -40 to +125°C (including self-temperature rise)
- Compliant with AEC-Q200

Application

- ADAS ECU, in-Vehicle camera (view camera, sensing camera), airbags, radar, meter cluster, automotive communication module, other power supply circuit uses

Part Number Construction

VLS	4015	C	X	-	101	M	-	H
Series Name	LxWxH dimensions 4.0x4.0x1.5 mm	Internal Code 1	Internal Code 2		Inductance (μH)	Inductance Tolerance		Internal Code 3

L (μH)	Tolerance	DC Resistance typ. (Ω)	DC Rated Current		Part Number	Kit Quantity
			Isat (A) max.	Itemp (A) typ.		
1.0	±20%	0.040	3.58	3.73	VLS4015CX-1R0M-H	5
1.5	±20%	0.050	3.32	3.70	VLS4015CX-1R5M-H	5
2.2	±20%	0.070	2.59	3.39	VLS4015CX-2R2M-H	5
3.3	±20%	0.080	2.41	3.00	VLS4015CX-3R3M-H	5
4.7	±20%	0.110	2.02	2.20	VLS4015CX-4R7M-H	5
6.8	±20%	0.170	1.66	2.10	VLS4015CX-6R8M-H	5
10	±20%	0.210	1.42	1.45	VLS4015CX-100M-H	5
15	±20%	0.310	1.21	1.32	VLS4015CX-150M-H	5
22	±20%	0.450	0.87	1.09	VLS4015CX-220M-H	5
33	±20%	0.670	0.69	0.95	VLS4015CX-330M-H	5
47	±20%	1.00	0.57	0.79	VLS4015CX-470M-H	5
68	±20%	1.43	0.54	0.71	VLS4015CX-680M-H	5
100	±20%	2.00	0.47	0.59	VLS4015CX-101M-H	5
150	±20%	3.51	0.39	0.41	VLS4015CX-151M-H	5