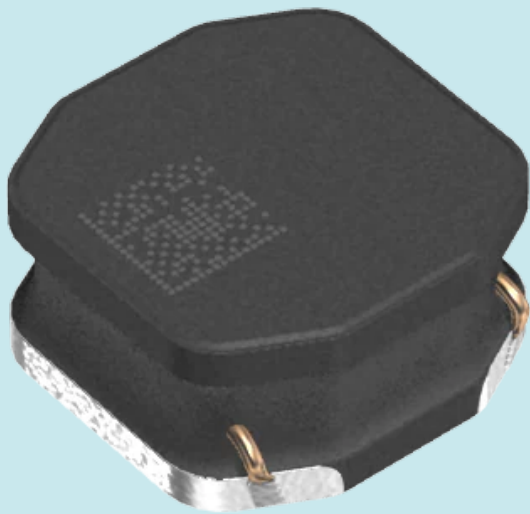


VLS4020CX-H-KIT

Wound Ferrite Automotive Power Inductor
Sample Kit



VLS4020CX-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	4020	C	X	-	101	M	-	H
Series Name	LxWxH dimensions 4.0x4.0x2.0 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	3.60	4.30	VLS4020CX-1R0M-H	5
1.5	±20%	0.050	3.40	3.60	VLS4020CX-1R5M-H	5
2.2	±20%	0.060	2.55	3.40	VLS4020CX-2R2M-H	5
3.3	±20%	0.080	2.55	3.00	VLS4020CX-3R3M-H	5
4.7	±20%	0.090	2.13	2.80	VLS4020CX-4R7M-H	5
6.8	±20%	0.130	2.07	2.30	VLS4020CX-6R8M-H	5
10	±20%	0.200	1.62	1.90	VLS4020CX-100M-H	5
15	±20%	0.260	1.35	1.60	VLS4020CX-150M-H	5
22	±20%	0.360	1.17	1.30	VLS4020CX-220M-H	5
33	±20%	0.550	0.99	1.10	VLS4020CX-330M-H	5
47	±20%	0.780	0.74	0.89	VLS4020CX-470M-H	5
68	±20%	1.130	0.65	0.73	VLS4020CX-680M-H	5
100	±20%	1.70	0.53	0.59	VLS4020CX-101M-H	5
150	±20%	2.70	0.47	0.44	VLS4020CX-151M-H	5