

TDK SMD Power Inductors



VLCF SERIES

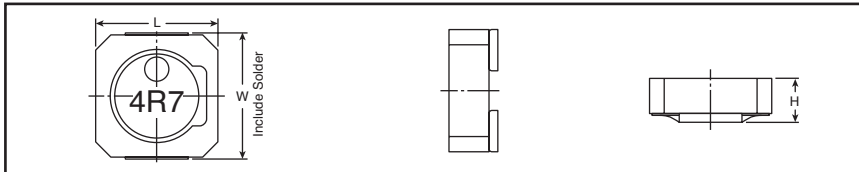
DIMENSIONS: mm

Features:

- Miniature Size
- Magnetic Shielded
- Use in DC-DC converters



RoHS Compliant



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Inductance (μH)	Current (A)	Tolerance	Test Freq. (KHz)	DC Resistance (Ω)	Case Size (LxWxH)	Price Each			
								1	10	100	500
810-VLCF418T1R6N1R72	VLCF4018T-1R6N1R7-2	1.6	1.7	±30%	100	0.051	4x4x1.8mm	.77	.68	.595	.51
810-VLCF418T3R3N1R22	VLCF4018T-3R3N1R2-2	3.3	1.2	±30%	100	0.079	4x4x1.8mm	.90	.80	.70	.60
810-VLCF418T4R7N1R02	VLCF4018T-4R7N1R0-2	4.7	1.0	±30%	100	0.101	4x4x1.8mm	.77	.68	.595	.51
810-VLCF418T6R8NR942	VLCF4018T-6R8NR94-2	6.8	0.94	±30%	100	0.124	4x4x1.8mm	.77	.68	.595	.51
810-VLCF418T100MR742	VLCF4018T-100MR74-2	10	0.74	±20%	100	0.188	4x4x1.8mm	.90	.80	.70	.60
810-VLCF418T150MR592	VLCF4018T-150MR59-2	15	0.59	±20%	100	0.268	4x4x1.8mm	.77	.68	.595	.51
810-VLCF418T220MR492	VLCF4018T-220MR49-2	22	0.49	±20%	100	0.369	4x4x1.8mm	.77	.68	.595	.51
810-VLCF418T330MR422	VLCF4018T-330MR42-2	33	0.42	±20%	100	0.54	4x4x1.8mm	.90	.80	.70	.60
810-VLCF418T470MR342	VLCF4018T-470MR34-2	47	0.34	±20%	100	0.76	4x4x1.8mm	.77	.68	.595	.51
810-VLCF4020T1R8N1R9	VLCF4020T-1R8N1R9	1.8	1.9	±30%	100	0.051	4x4x2.0mm	.77	.68	.595	.51
810-VLCF4020T2R2N1R7	VLCF4020T-2R2N1R7	2.2	1.7	±30%	100	0.059	4x4x2.0mm	.77	.68	.595	.51
810-VLCF4020T3R3N1R5	VLCF4020T-3R3N1R5	3.3	1.5	±30%	100	0.078	4x4x2.0mm	.77	.68	.595	.51
810-VLCF4020T4R7N1R2	VLCF4020T-4R7N1R2	4.7	1.2	±30%	100	0.098	4x4x2.0mm	.77	.68	.595	.51
810-VLCF4020T6R8N1R0	VLCF4020T-6R8N1R0	6.8	1.0	±30%	100	0.131	4x4x2.0mm	.77	.68	.595	.51
810-VLCF4020T100MR85	VLCF4020T-100MR85	10	0.85	±20%	100	0.185	4x4x2.0mm	.77	.68	.595	.51
810-VLCF4020T150MR68	VLCF4020T-150MR68	15	0.68	±20%	100	0.303	4x4x2.0mm	.77	.68	.595	.51
810-VLCF4020T220MR56	VLCF4020T-220MR56	22	0.56	±20%	100	0.431	4x4x2.0mm	.77	.68	.595	.51
810-VLCF4020T270MR48	VLCF4020T-270MR48	27	0.48	±20%	100	0.496	4x4x2.0mm	.77	.68	.595	.51
810-VLCF4020T330MR47	VLCF4020T-330MR47	33	0.47	±20%	100	0.628	4x4x2.0mm	.77	.68	.595	.51
810-VLCF4020T470MR39	VLCF4020T-470MR39	47	0.39	±20%	100	0.934	4x4x2.0mm	.77	.68	.595	.51
810-VLCF4020T101MR26	VLCF4020T-101MR26	100	0.26	±20%	100	1.4	4x4x2.0mm	.77	.68	.595	.51
810-VLCF5020T1R8N2R0	VLCF5020T-1R8N2R0	1.8	2.0	±30%	100	0.059	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T2R2N2R61	VLCF5020T-2R2N2R6-1	2.2	2.6	±30%	100	0.071	5x5x2.0mm	.94	.84	.735	.367
810-VLCF5020T2R7N1R7	VLCF5020T-2R7N1R7	2.7	1.7	±30%	100	0.071	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T2R7N2R21	VLCF5020T-2R7N2R2-1	2.7	2.2	±30%	100	0.083	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T3R3N1R6	VLCF5020T-3R3N1R6	3.3	1.6	±30%	100	0.083	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T3R3N2R01	VLCF5020T-3R3N2R0-1	3.3	2.0	±30%	100	0.096	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T4R7N1R4	VLCF5020T-4R7N1R4	4.7	1.4	±30%	100	0.096	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T4R7N1R71	VLCF5020T-4R7N1R7-1	4.7	1.7	±30%	100	0.122	5x5x2.0mm	.94	.84	.735	.367
810-VLCF5020T6R8N1R1	VLCF5020T-6R8N1R1	6.8	1.1	±30%	100	0.122	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T6R8N1R31	VLCF5020T-6R8N1R3-1	6.8	1.3	±30%	100	0.165	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T100MR87	VLCF5020T-100MR87	10	0.87	±20%	100	0.182	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T100M1R11	VLCF5020T-100M1R1-1	10	1.1	±20%	100	0.237	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T150MR71	VLCF5020T-150MR71	15	0.71	±20%	100	0.256	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T150MR901	VLCF5020T-150MR90-1	15	0.90	±20%	100	0.35	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T220MR58	VLCF5020T-220MR58	22	0.58	±20%	100	0.373	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T220MR751	VLCF5020T-220MR75-1	22	0.75	±20%	100	0.496	5x5x2.0mm	.94	.84	.735	.367
810-VLCF5020T330MR48	VLCF5020T-330MR48	33	0.48	±20%	100	0.522	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T330MR621	VLCF5020T-330MR62-1	33	0.62	±20%	100	0.717	5x5x2.0mm	.94	.84	.735	.367
810-VLCF5020T470MR40	VLCF5020T-470MR40	47	0.40	±20%	100	0.748	5x5x2.0mm	.81	.72	.63	.315
810-VLCF5020T470MR511	VLCF5020T-470MR51-1	47	0.51	±20%	100	1.05	5x5x2.0mm	.94	.84	.735	.367
810-VLCF5020T101MR27	VLCF5020T-101MR27	100	0.27	±20%	100	1.581	5x5x2.0mm	.81	.72	.63	.315

Inductors

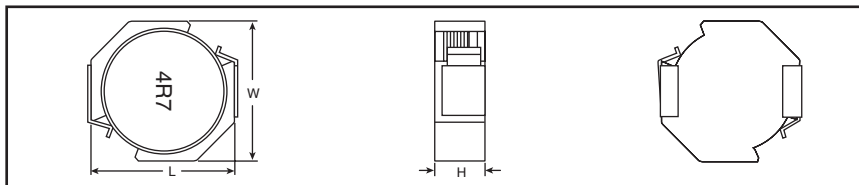
TDK

VLF SERIES

DIMENSIONS: mm

Features:

- Low Coil Resistance
- Excellent Shielding Effect
- Lead Free - RoHS Compliant
- Usable in mobile electronics



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Inductance (μH)	Current (A)	Tolerance	Test Freq. (KHz)	DC Resistance (Ω)	Case Size (LxWxH)	Price Each			
								1	10	100	500
810-VLF3010AT1R5N1R2	VLF3010AT-1R5N1R2	1.5	1.2	±30%	100	0.068	2.6x2.8x1.0mm	.90	.80	.70	.60
810-VLF3010AT2R2M1R0	VLF3010AT-2R2M1R0	2.2	1.0	±20%	100	0.10	2.6x2.8x1.0mm	.90	.80	.70	.60
810-VLF3010AT3R3MR87	VLF3010AT-3R3MR87	3.3	0.87	±20%	100	0.15	2.6x2.8x1.0mm	.90	.80	.70	.60
810-VLF3010AT4R7MR70	VLF3010AT-4R7MR70	4.7	0.70	±20%	100	0.24	2.6x2.8x1.0mm	.90	.80	.70	.60
810-VLF3010AT6R8MR61	VLF3010AT-6R8MR61	6.8	0.61	±20%	100	0.34	2.6x2.8x1.0mm	.90	.80	.70	.60
810-VLF3010AT100MR49	VLF3010AT-100MR49	10	0.49	±20%	100	0.58	2.6x2.8x1.0mm	.90	.80	.70	.60
810-VLF3010AT150MR40	VLF3010AT-150MR40	15	0.40	±20%	100	0.75	2.6x2.8x1.0mm	.90	.80	.70	.60
810-VLF3010AT220MR33	VLF3010AT-220MR33	22	0.33	±20%	100	1.3	2.6x2.8x1.0mm	.90	.80	.70	.60
810-VLF3012AT1R5N1R2	VLF3012AT-1R5N1R2	1.5	1.2	±30%	100	0.059	2.6x2.8x1.2mm	.86	.76	.665	.57
810-VLF3012AT2R2M1R0	VLF3012AT-2R2M1R0	2.2	1.0	±20%	100	0.088	2.6x2.8x1.2mm	.86	.76	.665	.57
810-VLF3012AT3R3MR87	VLF3012AT-3R3MR87	3.3	0.87	±20%	100	0.11	2.6x2.8x1.2mm	.86	.76	.665	.57
810-VLF3012AT4R7MR74	VLF3012AT-4R7MR74	4.7	0.74	±20%	100	0.16	2.6x2.8x1.2mm	.86	.76	.665	.57
810-VLF3012AT6R8MR59	VLF3012AT-6R8MR59	6.8	0.59	±20%	100	0.23	2.6x2.8x1.2mm	.86	.76	.665	.57
810-VLF3012AT100MR49	VLF3012AT-100MR49	10	0.49	±20%	100	0.36	2.6x2.8x1.2mm	.86	.76	.665	.57
810-VLF3012AT150MR41	VLF3012AT-150MR41	15	0.41	±20%	100	0.54	2.6x2.8x1.2mm	.86	.76	.665	.57
810-VLF3012AT220MR33	VLF3012AT-220MR33	22	0.33	±20%	100	0.66	2.6x2.8x1.2mm	.86	.76	.665	.57
810-VLF3012AT330MR27	VLF3012AT-330MR27	33	0.27	±20%	100	1.1	2.6x2.8x1.2mm	.86	.76	.665	.57
810-VLF3012AT470MR22	VLF3012AT-470MR22	47	0.22	±20%	100	1.9	2.6x2.8x1.2mm	.86	.76	.665	.57
810-VLF4012AT1R5M1R6	VLF4012AT-1R5M1R6	1.5	1.6	±20%	100	0.069	3.5x3.7x1.2mm	.81	.72	.63	.54
810-VLF4012AT2R2M1R5	VLF4012AT-2R2M1R5	2.2	1.5	±20%	100	0.076	3.5x3.7x1.2mm	.81	.72	.63	.54
810-VLF4012AT3R3M1R3	VLF4012AT-3R3M1R3	3.3	1.3	±20%	100	0.10	3.5x3.7x1.2mm	.81	.72	.63	.54
810-VLF4012AT4R7M1R1	VLF4012AT-4R7M1R1	4.7	1.1	±20%	100	0.14	3.5x3.7x1.2mm	.81	.72	.63	.54
810-VLF4012AT6R8MR96	VLF4012AT-6R8MR96	6.8	0.96	±20%	100	0.20	3.5x3.7x1.2mm	.81	.72	.63	.54
810-VLF4012AT100MR79	VLF4012AT-100MR79	10	0.79	±20%	100	0.30	3.5x3.7x1.2mm	.81	.72	.63	.54
810-VLF4012AT150MR63	VLF4012AT-150MR63	15	0.63	±20%	100	0.46	3.5x3.7x1.2mm	.81	.72	.63	.54
810-VLF4012AT220MR51	VLF4012AT-220MR51	22	0.51	±20%	100	0.71	3.5x3.7x1.2mm	.81	.72	.63	.54
810-VLF4012AT330MR39	VLF4012AT-330MR39	33	0.39	±20%	100	1.2	3.5x3.7x1.2mm	.81	.72	.63	.54
810-VLF4012AT470MR30	VLF4012AT-470MR30	47	0.30	±20%	100	2.0	3.5x3.7x1.2mm	.81	.72	.63	.54
810-VLF5014AT4R7M1R1	VLF5014AT-4R7M1R1	4.7	1.1	±20%	100	0.12	4.5x4.7x1.4mm	1.26	1.12	.98	.84
810-VLF5014AT6R8MR99	VLF5014AT-6R8MR99	6.8	0.99	±20%	100	0.16	4.5x4.7x1.4mm	2.34	2.08	1.82	1.56
810-VLF5014AT100MR92	VLF5014AT-100MR92	10	0.92	±20%	100	0.19	4.5x4.7x1.4mm	2.34	2.08	1.82	1.56
810-VLF5014AT150MR76	VLF5014AT-150MR76	15	0.76	±20%	100	0.28	4.5x4.7x1.4mm	2.34	2.08	1.82	1.56