



Inductance (µH)	Inductance Tolerance	Test Frequency (kHz)	DC Res. Nominal (Ω) ±20%	Rated Current (A)	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		TDK Part No.
						1	10	100		Qty.	Pricing	
Fig. 11 — RLF7030 Series												
1.0	±30%	100	0.0073	6.4	445-2960-1-ND	3.44	2.87	2.30	445-2960-2-ND	1,000	1003.77	RLF7030T-1R0N6R4
1.5	±30%	100	0.0080	6.1	445-2961-1-ND	3.44	2.87	2.30	445-2961-2-ND	1,000	1003.77	RLF7030T-1R5N6R1
2.2	±20%	100	0.0100	5.4	445-2962-1-ND	3.44	2.87	2.30	445-2962-2-ND	1,000	1003.77	RLF7030T-2R2M5R4
3.3	±20%	100	0.0174	4.1	445-2963-1-ND	3.44	2.87	2.30	445-2963-2-ND	1,000	1003.77	RLF7030T-3R3M4R1
4.7	±20%	100	0.0260	3.4	445-2964-1-ND	3.44	2.87	2.30	445-2964-2-ND	1,000	1003.77	RLF7030T-4R7M3R4
6.8	±20%	100	0.0373	2.8	445-2965-1-ND	3.44	2.87	2.30	445-2965-2-ND	1,000	1003.77	RLF7030T-6R8M2R8
Fig. 12 — SPM6530 Series												
0.25	±20%	100	2.1	23	445-3877-1-ND	2.24	1.87	1.50	445-3877-2-ND	1,000	653.10	SPM6530T-R25M230
0.47	±20%	100	3.3	17	445-3878-1-ND	2.24	1.87	1.50	445-3878-2-ND	1,000	653.10	SPM6530T-R47M170
0.68	±20%	100	4.9	14	445-3879-1-ND	2.24	1.87	1.50	445-3879-2-ND	1,000	653.10	SPM6530T-R68M140
1.0	±20%	100	7.1	12	445-3880-1-ND	2.24	1.87	1.50	445-3880-2-ND	1,000	653.10	SPM6530T-1R0M120
1.5	±20%	100	9.7	10	445-3881-1-ND	2.24	1.87	1.50	445-3881-2-ND	1,000	653.10	SPM6530T-1R5M100
2.2	±20%	100	17.3	8.2	445-4118-1-ND	2.24	1.87	1.50	445-4118-2-ND	1,000	653.10	SPM6530T-2R2M
3.3	±20%	100	27	6.8	445-4119-1-ND	2.24	1.87	1.50	445-4119-2-ND	1,000	653.10	SPM6530T-3R3M
4.7	±20%	100	35.8	5.6	445-4120-1-ND	2.24	1.87	1.50	445-4120-2-ND	1,000	653.10	SPM6530T-4R7M
Fig. 13 — SPM10040 Series												
0.36	±20%	300	0.0011	17	445-3603-1-ND	1.77	1.58	1.38	445-3603-2-ND	500	366.26	SPM10040T-R36M170
0.56	±20%	300	0.0017	15	445-3604-1-ND	1.77	1.58	1.38	445-3604-2-ND	500	366.26	SPM10040T-R56M150
Fig. 14 — VLCF4018-2 Series												
1.6	±30%	100	0.044	1.7	445-3171-1-ND	.92	.82	.72	445-3171-2-ND	1,000	356.10	VLFC4018T-1R6N1R7-2
2.2	±30%	100	0.052	1.4	445-3172-1-ND	.92	.82	.72	445-3172-2-ND	1,000	356.10	VLFC4018T-2R2N1R4-2
3.3	±30%	100	0.069	1.2	445-3173-1-ND	.92	.82	.72	445-3173-2-ND	1,000	356.10	VLFC4018T-3R3N1R2-2
4.7	±30%	100	0.088	1.0	445-3174-1-ND	.92	.82	.72	445-3174-2-ND	1,000	356.10	VLFC4018T-4R7N1R0-2
6.8	±30%	100	0.108	0.94	445-3175-1-ND	.92	.82	.72	445-3175-2-ND	1,000	356.10	VLFC4018T-6R8N94-2
10	±20%	100	0.163	0.74	445-3176-1-ND	.92	.82	.72	445-3176-2-ND	1,000	356.10	VLFC4018T-100MR74-2
15	±20%	100	0.233	0.59	445-3177-1-ND	.92	.82	.72	445-3177-2-ND	1,000	356.10	VLFC4018T-150MR59-2
22	±20%	100	0.321	0.49	445-3178-1-ND	.92	.82	.72	445-3178-2-ND	1,000	356.10	VLFC4018T-220MR49-2
33	±20%	100	0.469	0.42	445-3179-1-ND	.92	.82	.72	445-3179-2-ND	1,000	356.10	VLFC4018T-330MR42-2
47	±20%	100	0.661	0.34	445-3180-1-ND	.92	.82	.72	445-3180-2-ND	1,000	356.10	VLFC4018T-470MR34-2
Fig. 14 — VLCF4018-2, VLCF4020 Series												
1.8	±30%	100	0.046	1.9	445-3181-1-ND	.92	.82	.72	445-3181-2-ND	1,000	356.10	VLFC4020T-1R8N1R9
2.2	±30%	100	0.054	1.7	445-3182-1-ND	.92	.82	.72	445-3182-2-ND	1,000	356.10	VLFC4020T-2R2N1R5
3.3	±30%	100	0.071	1.5	445-3183-1-ND	.92	.82	.72	445-3183-2-ND	1,000	356.10	VLFC4020T-3R3N1R5
4.7	±30%	100	0.089	1.2	445-3184-1-ND	.92	.82	.72	445-3184-2-ND	1,000	356.10	VLFC4020T-4R7N1R2
6.8	±30%	100	0.119	1.0	445-3185-1-ND	.92	.82	.72	445-3185-2-ND	1,000	356.10	VLFC4020T-6R8N1R0
10	±20%	100	0.168	0.85	445-3186-1-ND	.92	.82	.72	445-3186-2-ND	1,000	356.10	VLFC4020T-100MR85
15	±20%	100	0.275	0.68	445-3187-1-ND	.92	.82	.72	445-3187-2-ND	1,000	356.10	VLFC4020T-150MR68
22	±20%	100	0.391	0.56	445-3188-1-ND	.92	.82	.72	445-3188-2-ND	1,000	356.10	VLFC4020T-220MR56
27	±20%	100	0.451	0.48	445-3189-1-ND	.92	.82	.72	—	—	—	VLFC4020T-270MR48
33	±20%	100	0.571	0.47	445-3190-1-ND	.92	.82	.72	445-3190-2-ND	1,000	356.10	VLFC4020T-330MR47
47	±20%	100	0.849	0.39	445-3191-1-ND	.92	.82	.72	445-3191-2-ND	1,000	356.10	VLFC4020T-470MR39
100	±20%	100	1.308	0.26	445-3192-1-ND	.92	.82	.72	445-3192-2-ND	1,000	356.10	VLFC4020T-101MR26
Fig. 15 — VLCF5020 Series												
1.8	±30%	100	0.049	2.0	445-3193-1-ND	.97	.86	.76	445-3193-2-ND	500	188.21	VLFC5020T-1R8N2R0
2.7	±30%	100	0.058	1.7	445-3194-1-ND	.97	.86	.76	445-3194-2-ND	500	188.21	VLFC5020T-2R7N1R7
3.3	±30%	100	0.069	1.6	445-3195-1-ND	.97	.86	.76	445-3195-2-ND	500	188.21	VLFC5020T-3R3N1R6
4.7	±30%	100	0.079	1.4	445-3196-1-ND	.97	.86	.76	445-3196-2-ND	500	188.21	VLFC5020T-4R7N1R4
6.8	±30%	100	0.102	1.1	445-3197-1-ND	.97	.86	.76	445-3197-2-ND	500	188.21	VLFC5020T-6R8N1R1
10	±20%	100	0.151	0.87	445-3198-1-ND	.97	.86	.76	445-3198-2-ND	500	188.21	VLFC5020T-100MR87
15	±20%	100	0.214	0.71	445-3199-1-ND	.97	.86	.76	445-3199-2-ND	500	188.21	VLFC5020T-150MR71
22	±20%	100	0.311	0.58	445-3200-1-ND	.97	.86	.76	445-3200-2-ND	500	188.21	VLFC5020T-220MR58
33	±20%	100	0.435	0.48	445-3201-1-ND	.97	.86	.76	445-3201-2-ND	500	188.21	VLFC5020T-330MR48
47	±20%	100	0.623	0.40	445-3202-1-ND	.97	.86	.76	445-3202-2-ND	500	188.21	VLFC5020T-470MR40
100	±20%	100	1.375	0.27	445-3203-1-ND	.97	.86	.76	445-3203-2-ND	500	188.21	VLFC5020T-101MR27
Fig. 15 — VLCF5020-3 Series												
2.2	±30%	100	0.058	2.6	445-3204-1-ND	.97	.86	.76	445-3204-2-ND	500	188.21	VLFC5020T-2R2N2R6-1
2.7	±30%	100	0.069	2.2	445-3205-1-ND	.97	.86	.76	445-3205-2-ND	500	188.21	VLFC5020T-2R7N2R2-1
3.3	±30%	100	0.079	2.0	445-3206-1-ND	.97	.86	.76	445-3206-2-ND	500	188.21	VLFC5020T-3R3N2R0-1
4.7	±30%	100	0.102	1.7	445-3207-1-ND	.97	.86	.76	445-3207-2-ND	500	188.21	VLFC5020T-4R7N1R7-1
6.8	±30%	100	0.138	1.3	445-3208-1-ND	.97	.86	.76	445-3208-2-ND	500	188.21	VLFC5020T-6R8N1R3-1
10	±20%	100	0.198	1.1	445-3209-1-ND	.97	.86	.76	445-3209-2-ND	500	188.21	VLFC5020T-100M1R1-1
15	±20%	100	0.292	0.90	445-3210-1-ND	.97	.86	.76	445-3210-2-ND	500	188.21	VLFC5020T-150MR90-1
22	±20%	100	0.413	0.75	445-3211-1-ND	.97	.86	.76	445-3211-2-ND	500	188.21	VLFC5020T-220MR75-1
33	±20%	100	0.597	0.62	445-3212-1-ND	.97	.86	.76	445-3212-2-ND	500	188.21	VLFC5020T-330MR62-1
47	±20%	100	0.875	0.51	445-3213-1-ND	.97	.86	.76	445-3213-2-ND	500	188.21	VLFC5020T-470MR51-1
Fig. 15 — VLCF5020-3 Series												
2.2	±30%	100	0.038	2.62	445-4557-1-ND	1.14	1.01	.88	445-4557-2-ND	500	219.87	VLFC5020T-2R2N2R6-3
2.7	±30%	100	0.046	2.28	445-4558-1-ND	1.14	1.01	.88	445-4558-2-ND	500	219.87	VLFC5020T-2R7N2R2-3
3.3	±30%	100	0.055	2.02	445-4559-1-ND	1.14	1.01	.88	445-4559-2-ND	500	219.87	VLFC5020T-3R3N2R0-3
Fig. 16 — VLF3010A Series												
1.5	±30%	100	0.068	1.2	445-3214-1-ND	1.08	.96	.84	445-3214-2-ND	2,000	418.24/M	VLF3010AT-1R5N1R2
2.2	±20%	100	0.10	1.0	445-3215-1-ND	1.08	.96	.84	445-3215-2-ND	2,000	418.24/M	VLF3010AT-2R2M1R0
3.3	±20%	100	0.15	0.87	445-3216-1-ND	1.08	.96	.84	445-3216-2-ND	2,000	418.24/M	VLF3010AT-3R3MR87
4.7	±20%	100	0.24	0.70	445-3217-1-ND	1.08	.96	.84	445-3217-2-ND	2,000	418.24/M	VLF3010AT-4R7MR70
6.8	±20%	100	0.34	0.61	445-3218-1-ND	1.08	.96	.84	445-3218-2-ND	2,000	418.24/M	VLF3010AT-6R8MR61
10	±20%	100	0.58	0.49	445-3219-1-ND	1.08	.96	.84	445-3219-2-ND	2,000	418.24/M	VLF3010AT-100MR49
15	±20%	100	0.75	0.40	445-3220-1-ND	1.08	.96	.84	445-3220-2-ND	2,000	418.24/M	VLF3010AT-150MR40
22	±20%	100	1.3	0.33	445-3221-1-ND	1.08	.96	.84	445-3221-2-ND	2,000	418.24/M	VLF3010AT-220MR33
Fig. 17 — VLF3010S Series												
1.0	±30%	1000	0.041	1.7	445-4545-1-ND	1.61	1.44	1.26	445-4545-2-ND	2,000	627.36/M	VLF3010ST-1R0N1R7
2.2	±20%	1000	0.077	1.1	445-4546-1-ND	1.61	1.44	1.26	445-4546-2-ND	2,000	627.36/M	VLF3010ST-2R2M1R1
3.3	±20%	1000	0.11	0.88	445-4547-1-ND	1.61	1.44	1.26	445-4547-2-ND	2,000	627.36/M	VLF3010ST-3R3MR88
4.7	±20%	1000	0.15	0.75	445-4548-1-ND	1.61	1.44	1.26	445-4548-2-ND	2,000	627.36/M	VLF3010ST-4R7MR75
6.8	±20%	1000	0.22	0.65	445-4549-1-ND	1.61	1.44	1.26	445-4549-2-ND	2,000	627.36/M	VLF3010ST-6R8MR65
10	±20%	1000	0.41	0.53	445-4550-1-ND	1.61	1.44	1.26	445-4550-2-ND	2,000	627.36/M	VLF3010ST-100MR53
15	±20%	1000	0.51	0.38	445-4551-1-ND	1.61	1.44	1.26	445-4551-2-ND	2,000	627.36/M	VLF3010ST-150MR38
22	±20%	1000	0.81	0.34	445-4552-1-ND	1.61	1.44	1.26	445-4552-2-ND	2,000	627.36/M	VLF3010ST-220MR34
Fig. 16 — VLF3012A Series												