

| Inductance (µH) | Inductance Tolerance | Test Frequency (kHz) | DC Res. Nominal (Ω) | 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. 9 — VLCF4020 Series | | | | | | | | | | | | |
| 1.8 | ±30% | 100 | 0.046 | 1.97 | 445-3181-1-ND | .77 | .68 | .60 | 445-3181-2-ND | 1,000 | 298.00 | VLCF4020T-1R8N1R9 |
| 2.2 | ±30% | 100 | 0.054 | 1.72 | 445-3182-1-ND | .77 | .68 | .60 | 445-3182-2-ND | 1,000 | 298.00 | VLCF4020T-2R2N1R7 |
| 3.3 | ±30% | 100 | 0.071 | 1.52 | 445-3183-1-ND | .77 | .68 | .60 | 445-3183-2-ND | 1,000 | 298.00 | VLCF4020T-3R3N1R5 |
| 4.7 | ±30% | 100 | 0.089 | 1.24 | 445-3184-1-ND | .77 | .68 | .60 | 445-3184-2-ND | 1,000 | 298.00 | VLCF4020T-4R7N1R2 |
| 6.8 | ±30% | 100 | 0.119 | 1.05 | 445-3185-1-ND | .77 | .68 | .60 | 445-3185-2-ND | 1,000 | 298.00 | VLCF4020T-6R8N1R0 |
| 10 | ±20% | 100 | 0.168 | 0.85 | 445-3186-1-ND | .77 | .68 | .60 | 445-3186-2-ND | 1,000 | 298.00 | VLCF4020T-100MR85 |
| 15 | ±20% | 100 | 0.275 | 0.68 | 445-3187-1-ND | .77 | .68 | .60 | 445-3187-2-ND | 1,000 | 298.00 | VLCF4020T-150MR68 |
| 22 | ±20% | 100 | 0.391 | 0.56 | 445-3188-1-ND | .77 | .68 | .60 | 445-3188-2-ND | 1,000 | 298.00 | VLCF4020T-220MR56 |
| 27 | ±20% | 100 | 0.451 | 0.48 | 445-3189-1-ND | .77 | .68 | .60 | 445-3189-2-ND | 1,000 | 298.00 | VLCF4020T-270MR48 |
| 33 | ±20% | 100 | 0.571 | 0.47 | 445-3190-1-ND | .77 | .68 | .60 | 445-3190-2-ND | 1,000 | 298.00 | VLCF4020T-330MR47 |
| 47 | ±20% | 100 | 0.849 | 0.39 | 445-3191-1-ND | .77 | .68 | .60 | 445-3191-2-ND | 1,000 | 298.00 | VLCF4020T-470MR39 |
| 100 | ±20% | 100 | 1.308 | 0.26 | 445-3192-1-ND | .77 | .68 | .60 | 445-3192-2-ND | 1,000 | 298.00 | VLCF4020T-101MR26 |
| Fig. 10 — VLCF5020 Series | | | | | | | | | | | | |
| 1.8 | ±30% | 100 | 0.049 | 2.07 | 445-3193-1-ND | .81 | .72 | .63 | 445-3193-2-ND | 500 | 157.50 | VLCF5020T-1R8N2R0 |
| 2.7 | ±30% | 100 | 0.058 | 1.76 | 445-3194-1-ND | .81 | .72 | .63 | 445-3194-2-ND | 500 | 157.50 | VLCF5020T-2R7N1R7 |
| 3.3 | ±30% | 100 | 0.069 | 1.6 | 445-3195-1-ND | .81 | .72 | .63 | 445-3195-2-ND | 500 | 157.50 | VLCF5020T-3R3N1R6 |
| 4.7 | ±30% | 100 | 0.079 | 1.4 | 445-3196-1-ND | .81 | .72 | .63 | 445-3196-2-ND | 500 | 157.50 | VLCF5020T-4R7N1R4 |
| 6.8 | ±30% | 100 | 0.102 | 1.11 | 445-3197-1-ND | .81 | .72 | .63 | 445-3197-2-ND | 500 | 157.50 | VLCF5020T-6R8N1R1 |
| 10 | ±20% | 100 | 0.151 | 0.87 | 445-3198-1-ND | .81 | .72 | .63 | 445-3198-2-ND | 500 | 157.50 | VLCF5020T-100MR87 |
| 15 | ±20% | 100 | 0.214 | 0.71 | 445-3199-1-ND | .81 | .72 | .63 | 445-3199-2-ND | 500 | 157.50 | VLCF5020T-150MR71 |
| 22 | ±20% | 100 | 0.311 | 0.58 | 445-3200-1-ND | .81 | .72 | .63 | 445-3200-2-ND | 500 | 157.50 | VLCF5020T-220MR58 |
| 33 | ±20% | 100 | 0.435 | 0.48 | 445-3201-1-ND | .81 | .72 | .63 | 445-3201-2-ND | 500 | 157.50 | VLCF5020T-330MR48 |
| 47 | ±20% | 100 | 0.623 | 0.40 | 445-3202-1-ND | .81 | .72 | .63 | 445-3202-2-ND | 500 | 157.50 | VLCF5020T-470MR40 |
| 100 | ±20% | 100 | 1.375 | 0.27 | 445-3203-1-ND | .81 | .72 | .63 | 445-3203-2-ND | 500 | 157.50 | VLCF5020T-101MR27 |
| Fig. 10 — VLCF5020-1 Series | | | | | | | | | | | | |
| 2.2 | ±30% | 100 | 0.058 | 2.62 | 445-3204-1-ND | .81 | .72 | .63 | 445-3204-2-ND | 500 | 157.50 | VLCF5020T-2R2N2R6-1 |
| 2.7 | ±30% | 100 | 0.069 | 2.28 | 445-3205-1-ND | .81 | .72 | .63 | 445-3205-2-ND | 500 | 157.50 | VLCF5020T-2R7N2R2-1 |
| 3.3 | ±30% | 100 | 0.079 | 2.02 | 445-3206-1-ND | .81 | .72 | .63 | 445-3206-2-ND | 500 | 157.50 | VLCF5020T-3R3N2R0-1 |
| 4.7 | ±30% | 100 | 0.102 | 1.7 | 445-3207-1-ND | .81 | .72 | .63 | 445-3207-2-ND | 500 | 157.50 | VLCF5020T-4R7N1R7-1 |
| 6.8 | ±30% | 100 | 0.138 | 1.39 | 445-3208-1-ND | .81 | .72 | .63 | 445-3208-2-ND | 500 | 157.50 | VLCF5020T-6R8N1R3-1 |
| 10 | ±20% | 100 | 0.198 | 1.13 | 445-3209-1-ND | .81 | .72 | .63 | 445-3209-2-ND | 500 | 157.50 | VLCF5020T-100MR1-1 |
| 15 | ±20% | 100 | 0.292 | 0.90 | 445-3210-1-ND | .81 | .72 | .63 | 445-3210-2-ND | 500 | 157.50 | VLCF5020T-150MR90-1 |
| 22 | ±20% | 100 | 0.413 | 0.75 | 445-3211-1-ND | .81 | .72 | .63 | 445-3211-2-ND | 500 | 157.50 | VLCF5020T-220MR75-1 |
| 33 | ±20% | 100 | 0.597 | 1.62 | 445-3212-1-ND | .81 | .72 | .63 | 445-3212-2-ND | 500 | 157.50 | VLCF5020T-330MR62-1 |
| 47 | ±20% | 100 | 0.875 | 0.51 | 445-3213-1-ND | .81 | .72 | .63 | 445-3213-2-ND | 500 | 157.50 | VLCF5020T-470MR51-1 |
| Fig. 11 — VLF3010A Series | | | | | | | | | | | | |
| 1.5 | ±30% | 100 | 0.068 | 1.2 | 445-3214-1-ND | .90 | .80 | .70 | 445-3214-2-ND | 2,000 | 350.00/M | VLF3010AT-1R5N1R2 |
| 2.2 | ±20% | 100 | 0.10 | 1.0 | 445-3215-1-ND | .90 | .80 | .70 | 445-3215-2-ND | 2,000 | 350.00/M | VLF3010AT-2R2M1R0 |
| 3.3 | ±20% | 100 | 0.15 | 0.87 | 445-3216-1-ND | .90 | .80 | .70 | 445-3216-2-ND | 2,000 | 350.00/M | VLF3010AT-3R3MR87 |
| 4.7 | ±20% | 100 | 0.24 | 0.70 | 445-3217-1-ND | .90 | .80 | .70 | 445-3217-2-ND | 2,000 | 350.00/M | VLF3010AT-4R7MR70 |
| 6.8 | ±20% | 100 | 0.34 | 0.61 | 445-3218-1-ND | .90 | .80 | .70 | 445-3218-2-ND | 2,000 | 350.00/M | VLF3010AT-6R8MR61 |
| 10 | ±20% | 100 | 0.58 | 0.49 | 445-3219-1-ND | .90 | .80 | .70 | 445-3219-2-ND | 2,000 | 350.00/M | VLF3010AT-100MR49 |
| 15 | ±20% | 100 | 0.75 | 0.40 | 445-3220-1-ND | .90 | .80 | .70 | 445-3220-2-ND | 2,000 | 350.00/M | VLF3010AT-150MR40 |
| 22 | ±20% | 100 | 1.3 | 0.33 | 445-3221-1-ND | .90 | .80 | .70 | 445-3221-2-ND | 2,000 | 350.00/M | VLF3010AT-220MR33 |
| Fig. 11 — VLF3012A Series | | | | | | | | | | | | |
| 1.5 | ±30% | 100 | 0.059 | 1.2 | 445-3222-1-ND | .86 | .76 | .67 | 445-3222-2-ND | 2,000 | 333.00/M | VLF3012AT-1R5N1R2 |
| 2.2 | ±20% | 100 | 0.088 | 1.0 | 445-3223-1-ND | .86 | .76 | .67 | 445-3223-2-ND | 2,000 | 333.00/M | VLF3012AT-2R2M1R0 |
| 3.3 | ±20% | 100 | 0.11 | 0.87 | 445-3224-1-ND | .86 | .76 | .67 | 445-3224-2-ND | 2,000 | 333.00/M | VLF3012AT-3R3MR87 |
| 4.7 | ±20% | 100 | 0.16 | 0.74 | 445-3225-1-ND | .86 | .76 | .67 | 445-3225-2-ND | 2,000 | 333.00/M | VLF3012AT-4R7MR74 |
| 6.8 | ±20% | 100 | 0.23 | 0.59 | 445-3226-1-ND | .86 | .76 | .67 | 445-3226-2-ND | 2,000 | 333.00/M | VLF3012AT-6R8MR59 |
| 10 | ±20% | 100 | 0.36 | 0.49 | 445-3227-1-ND | .86 | .76 | .67 | 445-3227-2-ND | 2,000 | 333.00/M | VLF3012AT-100MR49 |
| 15 | ±20% | 100 | 0.54 | 0.41 | 445-3228-1-ND | .86 | .76 | .67 | 445-3228-2-ND | 2,000 | 333.00/M | VLF3012AT-150MR41 |
| 22 | ±20% | 100 | 0.66 | 0.33 | 445-3229-1-ND | .86 | .76 | .67 | 445-3229-2-ND | 2,000 | 333.00/M | VLF3012AT-220MR33 |
| 33 | ±20% | 100 | 1.1 | 0.27 | 445-3230-1-ND | .86 | .76 | .67 | 445-3230-2-ND | 2,000 | 333.00/M | VLF3012AT-330MR27 |
| 47 | ±20% | 100 | 1.9 | 0.22 | 445-3231-1-ND | .86 | .76 | .67 | 445-3231-2-ND | 2,000 | 333.00/M | VLF3012AT-470MR22 |
| Fig. 12 — VLF4012A Series | | | | | | | | | | | | |
| 1.5 | ±20% | 100 | 0.069 | 1.8 | 445-3232-1-ND | .81 | .72 | .63 | 445-3232-2-ND | 1,000 | 315.00 | VLF4012AT-1R5M1R6 |
| 2.2 | ±20% | 100 | 0.076 | 1.5 | 445-3233-1-ND | .81 | .72 | .63 | 445-3233-2-ND | 1,000 | 315.00 | VLF4012AT-2R2M1R5 |
| 3.3 | ±20% | 100 | 0.1 | 1.3 | 445-3234-1-ND | .81 | .72 | .63 | 445-3234-2-ND | 1,000 | 315.00 | VLF4012AT-3R3M1R3 |
| 4.7 | ±20% | 100 | 0.14 | 1.1 | 445-3235-1-ND | .81 | .72 | .63 | 445-3235-2-ND | 1,000 | 315.00 | VLF4012AT-4R7M1R1 |
| 6.8 | ±20% | 100 | 0.2 | 0.96 | 445-3236-1-ND | .81 | .72 | .63 | 445-3236-2-ND | 1,000 | 315.00 | VLF4012AT-6R8MR96 |
| 10 | ±20% | 100 | 0.3 | 0.80 | 445-3237-1-ND | .81 | .72 | .63 | 445-3237-2-ND | 1,000 | 315.00 | VLF4012AT-100MR79 |
| 15 | ±20% | 100 | 0.46 | 0.63 | 445-3238-1-ND | .81 | .72 | .63 | 445-3238-2-ND | 1,000 | 315.00 | VLF4012AT-150MR63 |
| 22 | ±20% | 100 | 0.71 | 0.52 | 445-3239-1-ND | .81 | .72 | .63 | 445-3239-2-ND | 1,000 | 315.00 | VLF4012AT-220MR51 |
| 33 | ±20% | 100 | 1.2 | 0.44 | 445-3240-1-ND | .81 | .72 | .63 | 445-3240-2-ND | 1,000 | 315.00 | VLF4012AT-330MR39 |
| 47 | ±20% | 100 | 2.0 | 0.36 | 445-3241-1-ND | .81 | .72 | .63 | 445-3241-2-ND | 1,000 | 315.00 | VLF4012AT-470MR30 |
| Fig. 13 — VLF5014A Series | | | | | | | | | | | | |
| 4.7 | ±20% | 100 | 0.12 | 1.7 | 445-3242-1-ND | 1.26 | 1.12 | .98 | 445-3242-2-ND | 1,000 | 490.00 | VLF5014AT-4R7M1R1 |
| 6.8 | ±20% | 100 | 0.16 | 1.4 | 445-3243-1-ND | 1.26 | 1.12 | .98 | 445-3243-2-ND | 1,000 | 490.00 | VLF5014AT-6R8MR99 |
| 10 | ±20% | 100 | 0.19 | 1.1 | 445-3244-1-ND | 1.26 | 1.12 | .98 | 445-3244-2-ND | 1,000 | 490.00 | VLF5014AT-100MR92 |
| 15 | ±20% | 100 | 0.28 | 0.97 | 445-3245-1-ND | 1.26 | 1.12 | .98 | 445-3245-2-ND | 1,000 | 490.00 | VLF5014AT-150MR76 |

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