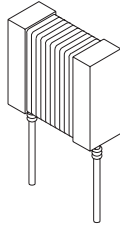




Flat Coil

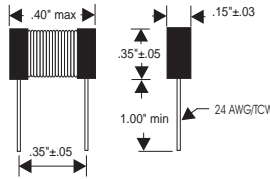
FC Series



General Specifications

Inductance Range: 1.0 μ H to 10,000 μ H
 Current Rating: Based on current flow temperature rise of 20° maximum at 80°C ambient temperature.
 Operating Temperature: -20°C to +10°C.
 Inductance Tolerance: \pm 10% over entire range.
 Terminal Strength: 5 lb. minimum

Dimensions



| PART NUMBER | INDUCTANCE (μ H) | Q MIN. | TEST FREQ. (MHz) | DC RESISTANCE (Ohms) | RATED DC CURRENT MAX (A) |
|-------------|-----------------------|--------|------------------|----------------------|--------------------------|
| FC-1R0K | 1.0 | 37 | 7.9 | .015 | 7.0 |
| FC-1R2K | 1.2 | 39 | 7.9 | .012 | 6.0 |
| FC-1R5K | 1.5 | 35 | 7.9 | .014 | 5.0 |
| FC-1R8K | 1.8 | 37 | 7.9 | .020 | 4.8 |
| FC-2R2K | 2.2 | 38 | 7.9 | .025 | 4.4 |
| FC-2R5K | 2.5 | 40 | 7.9 | .030 | 4.1 |
| FC-2R7K | 2.7 | 43 | 7.9 | .028 | 4.0 |
| FC-3R3K | 3.3 | 35 | 7.9 | .036 | 3.7 |
| FC-3R9K | 3.9 | 37 | 7.9 | .050 | 3.4 |
| FC-4R7K | 4.7 | 37 | 7.9 | .053 | 3.2 |
| FC-5R0K | 5.0 | 40 | 7.9 | .080 | 2.9 |
| FC-5R6K | 5.6 | 38 | 7.9 | .092 | 2.8 |
| FC-6R8K | 6.8 | 29 | 7.9 | .113 | 2.6 |
| FC-7R6K | 7.6 | 30 | 7.9 | .110 | 2.5 |
| FC-8R2K | 8.2 | 32 | 7.9 | .116 | 2.2 |
| FC-100K | 10 | 80 | 7.9 | .190 | 2.1 |
| FC-120K | 12 | 40 | 2.5 | .140 | 2.0 |
| FC-150K | 15 | 40 | 2.5 | .158 | 1.6 |
| FC-180K | 18 | 40 | 2.5 | .180 | 1.6 |
| FC-220K | 22 | 40 | 2.5 | .230 | 1.4 |
| FC-250K | 25 | 50 | 2.5 | .500 | 1.3 |
| FC-270K | 27 | 50 | 2.5 | .285 | 1.3 |
| FC-330K | 33 | 45 | 2.5 | .346 | 1.2 |
| FC-390K | 39 | 45 | 2.5 | .371 | 1.1 |
| FC-470K | 47 | 45 | 2.5 | .502 | 1.03 |
| FC-500K | 50 | 40 | 2.5 | .600 | 1.00 |
| FC-560K | 56 | 40 | 2.5 | .687 | .95 |
| FC-680K | 68 | 40 | 2.5 | .808 | .90 |
| FC-750K | 75 | 40 | 2.5 | 1.200 | .86 |
| FC-820K | 82 | 50 | 2.5 | 1.200 | .86 |
| FC-101K | 100 | 80 | .79 | 1.600 | .70 |
| FC-121K | 120 | 70 | .79 | 1.725 | .65 |
| FC-151K | 150 | 70 | .79 | 1.855 | .60 |
| FC-181K | 180 | 70 | .79 | 2.070 | .58 |
| FC-221K | 220 | 50 | .79 | 2.105 | .49 |
| FC-251K | 250 | 40 | .79 | 2.700 | .49 |
| FC-271K | 270 | 50 | .79 | 2.530 | .45 |
| FC-331K | 330 | 50 | .79 | 3.335 | .41 |
| FC-391K | 390 | 45 | .79 | 3.450 | .39 |
| FC-471K | 470 | 40 | .79 | 5.290 | .35 |
| FC-501K | 500 | 35 | .79 | 5.300 | .34 |
| FC-561K | 560 | 40 | .79 | 5.405 | .32 |
| FC-681K | 680 | 45 | .79 | 5.930 | .29 |
| FC-751K | 750 | 30 | .79 | 5.950 | .28 |
| FC-821K | 820 | 40 | .79 | 6.325 | .27 |
| FC-102K | 1000 | 70 | .25 | 8.600 | .21 |
| FC-122K | 1200 | 70 | .25 | 10.00 | .21 |
| FC-152K | 1500 | 62 | .25 | 14.26 | .19 |
| FC-182K | 1800 | 62 | .25 | 15.76 | .17 |
| FC-222K | 2200 | 60 | .25 | 17.70 | .15 |
| FC-252K | 2500 | 60 | .25 | 18.00 | .14 |
| FC-272K | 2700 | 60 | .25 | 19.10 | .14 |
| FC-332K | 3300 | 50 | .25 | 21.74 | .13 |
| FC-392K | 3900 | 50 | .25 | 26.00 | .12 |
| FC-472K | 4700 | 50 | .25 | 28.00 | .11 |
| FC-602K | 6000 | 35 | .25 | 31.00 | .10 |
| FC-752K | 7500 | 25 | .25 | 50.00 | .08 |
| FC-103K | 10000 | 25 | .25 | 70.00 | .07 |

Specifications are subject to change without notice.