



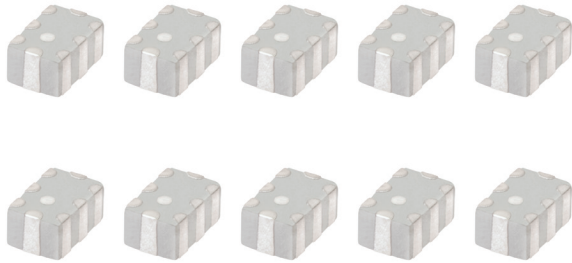
Mini-Circuits®

DESIGNER'S KIT K1-LFCG+

## Low Pass Filters



50Ω DC to 990 MHz



## FEATURES

- Suited for harmonic rejection, VHF/UHF transmitters/receivers, and test and measurement
- Small size, 0805
- Rugged LTCC construction
- Excellent Power Handling, 2 to 4.5 Watts
- Good Rejection, 30-50 dB typ.
- Low Cost

MINI-CIRCUITS DESIGNER'S KITS  
**SPEED UP**  
THE SOLUTION



## K1-LFCG+ ELECTRICAL SPECIFICATIONS

(10 models, 5 of each, 50 Total)

| Model <sup>1</sup> | Passband |                        | Stopband 1 |                        | Additional Stopbands               |                        | Case Style |
|--------------------|----------|------------------------|------------|------------------------|------------------------------------|------------------------|------------|
|                    | (MHz)    | Ins. Loss<br>Typ. (dB) | (MHz)      | Rejection<br>Typ. (dB) | (MHz)                              | Rejection<br>Typ. (dB) |            |
| LFCG-320+          | DC-320   | 1.0                    | 660-2000   | 33                     | 2000-6000                          | 20                     | GE0805C-2  |
| LFCG-400+          | DC-400   | 1.0                    | 800-2500   | 30                     | 2500-4500                          | 30                     | GE0805C-2  |
| LFCG-42+           | DC-435   | 2.0                    | 625        | 40                     | 650-2700<br>6000                   | 30<br>30               | GE0805C-2  |
| LFCG-490+          | DC-490   | 1.5                    | 800-960    | 50                     | 960-1500<br>1500-3000<br>3000-8500 | 48<br>45<br>15         | GE0805C-2  |
| LFCG-530+          | DC-530   | 1.0                    | DC-1100    | 50                     | 1100-1530                          | 27                     | GE0805C-2  |
| LFCG-575+          | DC-575   | 1.0                    | 1020-2500  | 30                     | 2500-4400                          | 25                     | GE0805C-2  |
| LFCG-630+          | DC-630   | 1.6                    | 1050-1500  | 50                     | 1500-3800                          | 48                     | GE0805C-2  |
| LFCG-800+          | DC-800   | 1.6                    | 1150-1400  | 38                     | 1400-4500<br>4500-10000            | 47<br>24               | GE0805C-2  |
| LFCG-900+          | DC-850   | 1.3                    | 1300-1600  | 48                     | 1600-4500<br>4500-11000            | 26<br>20               | GE0805C-2  |
| LFCG-92+           | DC-990   | 0.4                    | 1700       | 30                     | 1800-2700<br>5000                  | 40<br>50               | GE0805C-2  |

1. See individual product datasheets for more details

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