



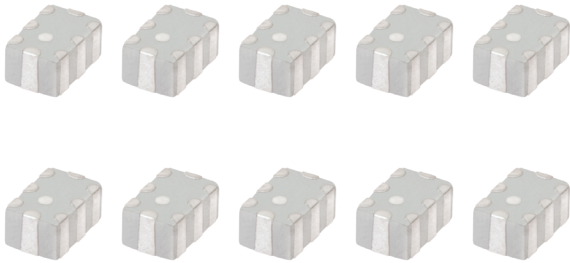
# DESIGNER'S KIT K2-LFCG+

# Low Pass Filters



Mini-Circuits

50Ω DC to 2250 MHz



## FEATURES

- Suited for harmonic rejection, VHF/UHF transmitters/receivers, and lab use
- Small size, 0805
- Rugged LTCC construction
- Excellent Power Handling, 4.5 to 5.5 Watts
- Excellent Rejection, 45-50 dB typ.
- Low Cost



## K2-LFCG+ ELECTRICAL SPECIFICATIONS

(10 models, 5 of each, 50 Total)

| Model <sup>1</sup> | Passband |                     | Stopband 1 |                     | Additional Stopbands                 |                     | Case Style |
|--------------------|----------|---------------------|------------|---------------------|--------------------------------------|---------------------|------------|
|                    | (MHz)    | Ins. Loss Typ. (dB) | (MHz)      | Rejection Typ. (dB) | (MHz)                                | Rejection Typ. (dB) |            |
| LFCG-1000+         | DC-1000  | 0.8                 | 1550-1900  | 30                  | 1900-3000<br>3000-6000<br>6000-10000 | 45<br>35<br>30      | GE0805C-2  |
| LFCG-1200+         | DC-1200  | 1.0                 | 1865-2000  | 50                  | 2000-3700<br>3700-7000<br>7000-10000 | 50<br>40<br>30      | GE0805C-2  |
| LFCG-1325+         | DC-1325  | 1.0                 | 1900-2150  | 45                  | 2150-6500<br>6500-11600              | 50<br>35            | GE0805C-2  |
| LFCG-1400+         | DC-1400  | 1.0                 | 2015-2300  | 45                  | 2300-6600<br>6600-10000              | 50<br>35            | GE0805C-2  |
| LFCG-1525+         | DC-1525  | 1.0                 | 2125-2350  | 40                  | 2350-7000<br>7000-12000              | 40<br>50            | GE0805C-2  |
| LFCG-1575+         | DC-1575  | 0.9                 | 2125-2400  | 30                  | 2400-7000<br>7000-12000              | 50<br>35            | GE0805C-2  |
| LFCG-1700+         | DC-1700  | 0.9                 | 2400-2800  | 30                  | 2800-8000<br>8000-13000              | 50<br>35            | GE0805C-2  |
| LFCG-1800+         | DC-1800  | 1.1                 | 2450-2900  | 40                  | 2900-7000<br>7000-10000              | 47<br>35            | GE0805C-2  |
| LFCG-2000+         | DC-2000  | 1.0                 | 2850-3300  | 40                  | 3300-7500<br>7500-13500              | 52<br>28            | GE0805C-2  |
| LFCG-2250+         | DC-2250  | 1.2                 | 2800-3600  | 30                  | 3600-8000<br>8000-15000              | 50<br>30            | GE0805C-2  |

1. See individual product datasheets for more details



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