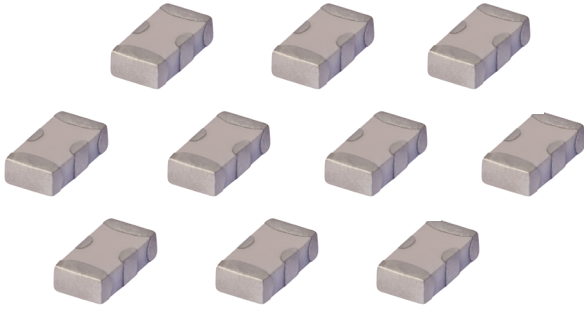




DESIGNER'S KIT K3-LFCN+

Low Pass Filters

50Ω DC to 630 MHz



FEATURES

- Wideband, 50Ω
- LTCC Low Temperature Co-fired Ceramic
- Small size (L) 0.12" x (W) 0.06"
- Temperature stable
- Repeatable performance
- Excellent power handling
- Hermetically sealed
- Low cost
- 7 sections

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K3-LFCN+ ELECTRICAL SPECIFICATIONS

(11 models, 5 of each, 55 total)

| Model | Passband (MHz) (loss < 1dB) ¹ Max. | f _{co} , (MHz) Nom. (loss 3dB) Typ. | Stopband (MHz) (loss, dB) | | | VSWR (:1) | | Power Input ² (W) Max. |
|-----------|---|---|------------------------------|------------|---------------|------------------|------------------|---|
| | | | f 20 Min. | 40 Typ. | fr 20 Typ. | Stopband Typ. | Passband Typ. | |
| LFCN-80+ | DC-80 | 145 | 200 | 225-1550 | 4500 | 20 | 1.2 | 8.5 |
| LFCN-95+ | DC-95 | 165 | 230 | 255-1600 | 4500 | 20 | 1.2 | 8.5 |
| LFCN-105+ | DC-105 | 180 | 250 | 265-1650 | 4750 | 20 | 1.2 | 8.5 |
| LFCN-120+ | DC-120 | 195 | 280 | 300-1850 | 4750 | 20 | 1.2 | 8.5 |
| LFCN-225+ | DC-225 | 350 | 460 | 510-2500 | 5500 | 20 | 1.2 | 8.5 |
| LFCN-320+ | DC-320 | 460 | 560 | 640-2500 | 5300 | 20 | 1.2 | 8.5 |
| LFCN-400+ | DC-400 | 560 | 660 | 680-3000 | 5500 | 20 | 1.2 | 8.5 |
| LFCN-490+ | DC-490 | 650 | 800 | 880-2500 | 6000 | 20 | 1.2 | 8.5 |
| LFCN-530+ | DC-530 | 700 | 820 | 945-3000 | 6000 | 20 | 1.2 | 8.5 |
| LFCN-575+ | DC-575 | 770 | 900 | 1050-3200 | 5500 | 20 | 1.2 | 8.5 |
| LFCN-630+ | DC-630 | 830 | 1000 | 1050-3500 | 6000 | 20 | 1.2 | 8.5 |

Protected under U.S. Patent 6,943,646

¹LFCN-530+, -575+, and -630+ Loss < 1.2dB.

²Passband rating, derate linearly to 3.5W at 100°C ambient.



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