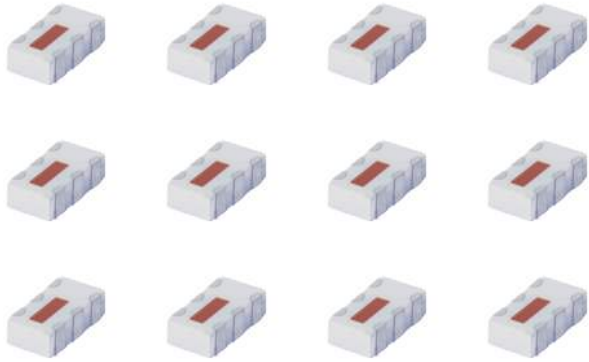




DESIGNER'S KIT K2-HFCN+

High Pass Filters

50Ω 950 to 13000 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

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K2-HFCN+ ELECTRICAL SPECIFICATIONS

(kit includes 10 models, 5 of each, 50 total)

| Model | Stopband (MHz) Min. | | f _{co} , (MHz) Nom. (loss 3dB Typ.) | Passband (MHz) | | VSWR Typ. | | Power Input* (W) Max. | No. of Sections | Case Style |
|----------------------|------------------------|--------------|--|-----------------------|--------------------------|-----------|---------------------|---------------------------------|--------------------|------------|
| | (loss > 40dB) | (loss >20dB) | | (loss <1.3dB) Max. | (loss <2dB) Typ. | Stopband | Freq.(MHz) 1.5:1 | | | |
| HFCN-880+ | 500 | 640 | 880 | 1060-2500 | 950-3200 | 20:1 | 970-2400 | 7 | 7 | FV1206 |
| HFCN-1300+ | 680 | 930 | 1300 | 1510-4000 | 1400-5000 | 20:1 | 1400-4000 | 7 | 7 | FV1206 |
| HFCN-1320+ | 910 | 1060 | 1320 | 1700-3800 | 1400-5000 | 20:1 | 1700-3700 | 7 | 7 | FV1206 |
| HFCN-1600+ | 1090 | 1290 | 1600 | 1950-4000 | 1650-5000 | 20:1 | 1700-4000 | 7 | 7 | FV1206 |
| HFCN-1810+ | 1100 | 1480 | 1810 | 2250-3850 | 1950-4750 | 20:1 | 2250-3750 | 7 | 7 | FV1206 |
| HFCN-1910+ | 1075 | 1400 | 1910 | 2200-4400 | 2000-5200 | 20:1 | 2100-4500 | 7 | 7 | FV1206 |
| HFCN-2100+ | 1050 | 1530 | 2100 | 2500-5000 | 2200-6000 | 20:1 | 2400-5200 | 7 | 7 | FV1206 |
| Loss 30dB Typ | | | Loss <1.5dB Max. | | Loss <2dB Max. | | | | | |
| HFCN-3800+ | 3100 | 3200 | 3800 | 4500-9000 | 4250-10000 | 20:1 | 3950-10000 | 7 | 5 | FV1206-1 |
| HFCN-5500+ | 4000 | 4500 | 5500 | 6600-11000 | 6000-11500 | 20:1 | 5600-11000 | 7 | 5 | FV1206-1 |
| | | | Loss <2.5dB Max. | | Loss <3dB Max. | | | | | |
| HFCN-8400+ | 5700 | 6000 | 8400 | 9500-13000 | 9000-13000 | 20:1 | 9000-13000 | 7 | 5 | FV1206-1 |

* Passband rating, derate linearly to 3W at 100°C ambient



minicircuits.com P.O. Box 350166, Brooklyn, NY 11235-0003 (718) 934-4500 sales@minicircuits.com

REV. A
ECO-007355
K2-HFCN+
MCL NY
210323