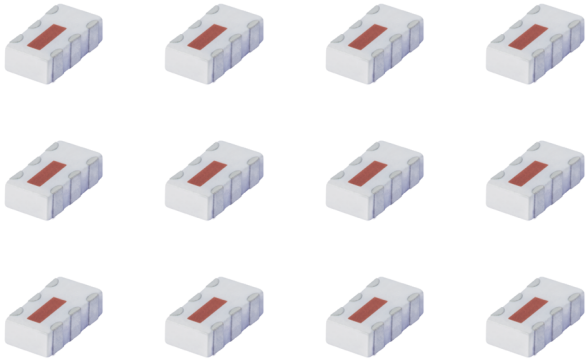




DESIGNER'S KIT K2-HFCN+

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



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