Mini-Circuits®

Filters

50Ω Surface Mount

Ceramic High Pass

Model No.	Stop Band Frequency (MHz) (loss > 30 dB)	(loss > 20 dB)	fco, MHz Nom. (loss 3 dB) Typ	Passband Frequency (MHz) (loss < 1.3 dB) Max.	(loss < 2 dB) Typ.	VSWR (:1) Stopband Typ.	Passband Typ.	Power Input (W)	LcCC construction	Case Style
HFCN-650 (+)	390	480	650	850-2000	710-2490	20	1.5	7	√	FV1206
HFCN-740 (+)	430	550	740	900-2200	780-2800	20	1.5	7	√	FV1206
HFCN-880 (+)	500	640	880	1060-2500	950-3200	20	1.5	7	√	FV1206
HFCN-1200 (+)	750	910	1180	1380-4000	1220-4600	20	1.5	7	√	FV1206
HFCN-1300 (+)	680	930	1300	1510-4000	1400-5000	20	1.5	7	√	FV1206
HFCN-1320 (+)	880	1060	1320	1700-3800	1400-5000	20	1.5	7	√	FV1206
HFCN-1500 (+)	1060	1250	1550	1850-4400	1600-5500	20	1.5	7	√	FV1206
HFCN-1600 (+)	1090	1290	1600	1950-4000	1650-5000	20	1.5	7	√	FV1206
HFCN-1760 (+)	950	1230	1760	2100-5200	1900-5500	20	1.5	7	√	FV1206
HFCN-1810 (+)	1100	1480	1810	2250-3850	1950-4750	20	1.5	7	√	FV1206
HFCN-1910 (+)	1075	1400	1910	2200-4400	2000-5200	20	1.5	7	√	FV1206
HFCN-2000 (+)	1300	1530	2000	2410-5550	2260-6250	20	1.5	7	√	FV1206
HFCN-2100 (+)	1050	1530	2100	2500-5000	2200-6000	20	1.5	7	√	FV1206
HFCN-2275 (+)	1400	1770	2275	2640-6230	2450-7000	20	1.5	7	√	FV1206
HFCN-2700 (+)	1500	1800	2500	3000-5700	2650-6500	20	1.5	7	√	FV1206
HFCN-3800 (+)	3100	3200	3800	4500-9000 †	4250-10000	20	1.5	7	√	FV1206-1
HFCN-5500 (+)	4000	4500	5500	6600-11000 †	6000-11500	20	1.5	7	√	FV1206-1
HFCN-8400 (+)	5700	6000	8400	9500-13000 ‡	9000-13000	20	1.5	7	√	FV1206-1

Features:

- low cost
- small size
- 7 sections
- temperature stable
- dc block in/out, breakdown voltage, 1kV typ.
- excellent power handling, 7W
- hermetically sealed

Applications:

- sub-harmonic rejection and dc blocking
- transmitters/receivers
- lab use

Maximum Ratings

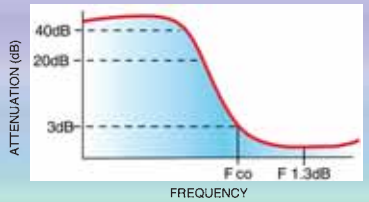
Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input*	7W max. at 25°C

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

Outline Dimensions (inch/mm)

A	B	C	D	E	F	G	H	J	
.126 3.20	.063 1.60	.037 0.94	.020 0.51	.032 0.81	.009 0.23	.169 4.293	.087 2.21	.024 0.61	
K	**L**	**M**	**N**	**P**	**Q**	**R**	**S**	**T**	**wt. grams.**
.122 3.10	.024 0.61	.087 2.21	.012 0.30	.071 1.80					.020

typical frequency response



electrical schematic