

LTCC High Pass Filter

Typical Performance Data

HFHKI-5000+

FREQUENCY (GHz)	INSERTION LOSS (dB)			RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
2.00	82.61	83.90	86.14	0.01	0.10	0.08
2.20	74.30	73.49	72.13	0.00	0.10	0.08
2.40	65.05	64.57	63.85	0.01	0.11	0.09
2.60	59.39	59.04	58.48	0.03	0.13	0.12
2.80	54.93	54.68	54.16	0.08	0.19	0.18
3.00	51.05	50.78	50.30	0.14	0.26	0.25
3.20	47.44	47.12	46.65	0.21	0.33	0.34
3.40	43.85	43.51	42.93	0.27	0.40	0.41
3.60	40.19	39.77	39.10	0.33	0.46	0.48
3.80	36.30	35.87	35.14	0.38	0.51	0.53
4.00	32.28	31.74	30.93	0.43	0.55	0.58
4.20	27.94	27.33	26.41	0.47	0.59	0.64
4.40	23.24	22.55	21.52	0.54	0.67	0.74
4.60	18.13	17.37	16.21	0.71	0.88	1.02
4.80	12.60	11.77	10.52	1.19	1.52	1.92
5.00	6.90	6.19	5.24	2.93	3.86	5.31
5.20	2.71	2.60	2.45	10.51	14.05	21.69
5.40	1.65	1.88	2.04	16.80	14.49	12.44
5.60	1.74	1.95	2.03	9.47	9.34	9.16
5.80	1.72	1.88	1.89	8.58	8.76	9.05
6.00	1.53	1.66	1.65	9.36	9.70	10.30
6.20	1.29	1.41	1.40	11.13	11.72	12.69
6.40	1.08	1.20	1.21	13.91	14.90	16.37
6.60	0.92	1.07	1.09	18.22	19.54	21.36
6.80	0.85	1.00	1.04	23.50	24.13	23.90
7.00	0.83	1.00	1.03	21.56	21.15	20.19
7.20	0.86	1.03	1.06	17.54	17.43	16.98
7.40	0.89	1.07	1.09	15.18	15.07	14.81
7.60	0.92	1.10	1.13	13.76	13.60	13.41
7.80	0.93	1.12	1.15	12.80	12.65	12.51
8.00	0.92	1.11	1.14	12.12	12.08	12.02
8.20	0.91	1.08	1.10	11.71	11.80	11.91
8.40	0.88	1.04	1.05	11.51	11.78	12.04
8.60	0.83	0.99	0.99	11.68	11.97	12.39
8.80	0.78	0.94	0.94	12.10	12.28	12.81
9.00	0.73	0.90	0.91	12.72	12.75	13.29
9.20	0.70	0.88	0.88	13.42	13.33	13.88
9.40	0.69	0.87	0.87	13.97	13.95	14.52
9.60	0.71	0.88	0.88	14.40	14.60	15.22
9.80	0.73	0.89	0.89	14.75	15.16	15.85
10.00	0.75	0.91	0.91	15.24	15.71	16.39
10.20	0.76	0.93	0.92	16.00	16.34	16.95
10.40	0.75	0.93	0.92	16.95	17.01	17.50
10.60	0.74	0.92	0.91	17.91	17.64	18.04
10.80	0.72	0.90	0.89	18.84	18.49	18.92
11.00	0.71	0.88	0.86	19.40	19.36	19.91
11.20	0.70	0.86	0.85	19.92	20.38	20.99
11.40	0.70	0.85	0.84	20.72	21.62	22.29
11.60	0.69	0.84	0.84	21.74	22.88	23.35
11.80	0.69	0.85	0.84	23.34	24.44	24.53
12.00	0.70	0.86	0.85	25.66	26.55	26.33
12.20	0.72	0.89	0.87	27.89	28.89	28.72
12.40	0.76	0.93	0.90	29.51	31.32	31.50
12.60	0.79	0.96	0.93	30.60	33.02	33.31
12.80	0.83	1.00	0.97	31.40	33.21	32.83
13.00	0.85	1.03	1.00	33.40	33.79	32.90
13.20	0.86	1.04	1.03	35.26	34.90	33.71
13.40	0.85	1.05	1.04	35.37	35.56	33.46
13.60	0.84	1.05	1.05	34.76	36.20	33.42
13.80	0.82	1.04	1.04	33.45	36.47	32.93
14.00	0.79	1.02	1.04	31.90	34.87	31.64
14.20	0.77	1.00	1.03	31.23	33.40	30.17
14.40	0.74	0.99	1.03	30.23	31.25	27.78
14.60	0.73	0.98	1.03	29.12	29.27	25.61
14.80	0.75	0.99	1.05	28.75	28.23	24.71
15.00	0.79	1.02	1.07	27.45	26.86	24.02
15.20	0.84	1.07	1.11	26.42	25.93	24.14
15.40	0.91	1.15	1.18	25.24	25.03	24.30
15.60	1.01	1.25	1.29	23.94	23.96	23.92
15.80	1.14	1.38	1.44	23.17	23.01	23.03
16.00	1.25	1.52	1.57	22.37	21.44	20.95
16.20	1.39	1.67	1.74	21.31	19.79	18.59
16.40	1.57	1.85	1.94	19.99	18.23	16.69
16.60	1.74	2.04	2.13	18.25	16.67	15.10
16.80	1.93	2.24	2.31	16.59	15.47	14.16
17.00	2.11	2.44	2.49	15.36	14.63	13.75