

LTCC High Pass Filter

HFHKL-2000+

Typical Performance Data

FREQUENCY (GHz)	INSERTION LOSS (dB)			RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
0.05	88.21	88.01	87.35	0.11	0.14	0.18
0.10	82.52	81.96	82.06	0.13	0.17	0.22
0.20	77.05	76.88	76.63	0.19	0.23	0.27
0.30	74.12	74.16	74.22	0.23	0.26	0.31
0.40	72.96	72.81	72.80	0.25	0.28	0.33
0.50	72.86	72.89	72.93	0.25	0.29	0.34
0.60	75.02	74.96	75.40	0.25	0.29	0.34
0.70	86.58	87.86	90.17	0.25	0.29	0.34
0.80	72.39	71.79	70.79	0.24	0.28	0.33
0.90	62.04	61.61	60.95	0.24	0.27	0.32
1.00	54.73	54.31	53.71	0.22	0.26	0.31
1.10	48.41	47.98	47.40	0.21	0.25	0.31
1.20	42.47	42.02	41.40	0.21	0.26	0.32
1.30	36.71	36.25	35.57	0.22	0.28	0.36
1.40	30.98	30.48	29.76	0.26	0.33	0.42
1.60	19.16	18.58	17.76	0.54	0.66	0.86
1.80	7.00	6.50	5.88	2.72	3.30	4.29
2.00	1.35	1.44	1.61	42.59	31.55	23.64
2.20	1.04	1.12	1.25	14.53	14.91	15.41
2.40	0.78	0.84	0.94	19.14	20.30	21.88
2.60	0.62	0.67	0.78	29.03	28.38	27.39
2.80	0.57	0.62	0.72	21.07	20.90	20.40
3.00	0.56	0.59	0.68	18.30	18.49	18.39
3.20	0.53	0.56	0.64	17.94	18.40	18.45
3.40	0.49	0.50	0.58	19.18	19.81	20.02
3.60	0.44	0.45	0.52	21.72	22.60	23.22
3.80	0.39	0.40	0.47	26.18	27.77	29.37
4.00	0.37	0.37	0.45	33.46	36.68	33.60
4.20	0.36	0.36	0.44	32.02	30.78	27.17
4.40	0.35	0.36	0.44	27.15	26.17	24.06
4.60	0.35	0.36	0.44	25.01	24.33	22.79
4.80	0.35	0.35	0.44	23.98	23.94	22.75
5.00	0.35	0.35	0.43	24.51	24.86	23.94
5.20	0.34	0.33	0.41	26.37	27.11	26.26
5.40	0.33	0.32	0.40	29.55	31.18	30.15
5.60	0.32	0.31	0.39	35.28	40.23	37.24
5.80	0.31	0.31	0.38	51.41	45.29	49.12
6.00	0.30	0.30	0.38	39.22	34.86	37.07
6.20	0.30	0.30	0.37	33.71	31.22	32.21
6.40	0.29	0.29	0.37	31.26	29.54	30.09
6.60	0.29	0.29	0.37	30.37	28.56	28.28
6.80	0.29	0.30	0.38	29.49	27.85	26.73
7.00	0.31	0.31	0.39	28.33	27.16	25.34
7.20	0.32	0.32	0.41	27.06	26.15	23.88
7.40	0.35	0.34	0.43	25.51	24.78	22.70
7.60	0.38	0.37	0.46	23.56	23.10	21.39
7.80	0.41	0.39	0.49	21.88	21.51	20.19
8.00	0.44	0.43	0.53	20.43	20.03	19.19
8.20	0.47	0.46	0.56	19.19	18.80	18.28
8.40	0.49	0.49	0.59	18.33	17.95	17.63
8.60	0.51	0.52	0.61	17.97	17.53	17.27
8.80	0.52	0.53	0.62	18.03	17.63	17.31
9.00	0.53	0.54	0.63	18.52	18.19	17.84
9.20	0.53	0.55	0.63	19.59	19.42	19.02
9.40	0.53	0.56	0.65	21.23	21.49	21.09
9.50	0.54	0.57	0.66	22.46	23.04	22.76