

LTCC High Pass Filter

Typical Performance Data

HFHKL-2200+

FREQUENCY (GHz)	INSERTION LOSS (dB)			RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
0.01	61.19	59.93	64.51	0.12	0.15	0.19
0.05	84.99	80.86	81.01	0.09	0.13	0.18
0.10	80.16	81.02	87.91	0.12	0.16	0.21
0.20	76.34	78.29	76.06	0.17	0.21	0.27
0.30	74.56	75.15	74.78	0.21	0.24	0.31
0.40	73.18	72.74	72.35	0.23	0.27	0.33
0.50	72.07	72.18	71.90	0.24	0.28	0.35
0.60	72.14	72.33	72.10	0.24	0.28	0.35
0.70	73.84	73.75	74.19	0.24	0.28	0.34
0.80	79.24	80.02	80.23	0.23	0.27	0.32
0.90	82.33	81.92	78.97	0.21	0.25	0.30
1.00	68.24	67.68	66.81	0.20	0.24	0.28
1.10	60.60	60.23	59.53	0.18	0.22	0.27
1.20	54.66	54.23	53.49	0.17	0.21	0.25
1.30	49.30	48.78	48.09	0.16	0.20	0.24
1.40	44.18	43.64	42.88	0.17	0.21	0.26
1.60	33.99	33.42	32.59	0.22	0.27	0.34
1.80	23.20	22.49	21.51	0.42	0.51	0.66
2.00	10.93	10.14	9.19	1.59	1.98	2.67
2.20	2.05	2.06	2.19	17.60	22.83	39.22
2.40	1.26	1.35	1.52	18.23	18.41	18.77
2.60	1.11	1.19	1.38	16.12	15.34	14.34
2.80	1.30	1.38	1.54	10.15	9.91	9.79
3.00	1.30	1.36	1.47	9.44	9.38	9.66
3.20	1.03	1.06	1.16	11.58	11.85	12.59
3.40	0.72	0.74	0.85	18.24	19.39	21.42
3.60	0.59	0.62	0.76	24.41	22.56	19.98
3.80	0.65	0.70	0.83	14.53	13.77	13.05
4.00	0.77	0.83	0.94	11.30	10.83	10.54
4.20	0.86	0.90	0.98	10.04	9.80	9.78
4.40	0.85	0.87	0.93	9.93	9.85	10.06
4.60	0.76	0.77	0.82	10.62	10.67	11.06
4.80	0.62	0.64	0.69	12.04	12.06	12.57
5.00	0.51	0.52	0.58	13.83	13.89	14.53
5.20	0.42	0.42	0.49	15.61	15.96	16.65
5.40	0.36	0.37	0.44	17.50	18.04	18.56
5.60	0.33	0.34	0.42	19.42	19.92	20.14
5.80	0.32	0.33	0.41	21.40	21.60	21.60
6.00	0.34	0.35	0.41	22.38	23.26	23.16
6.20	0.36	0.37	0.42	24.77	26.18	26.27
6.40	0.37	0.39	0.44	31.56	32.93	35.26
6.60	0.40	0.42	0.47	39.14	33.97	30.02
6.80	0.43	0.45	0.51	25.41	23.88	21.72
7.00	0.46	0.49	0.56	19.38	18.67	17.19
7.20	0.51	0.54	0.62	15.71	15.32	14.25
7.40	0.56	0.59	0.70	13.30	13.02	12.19
7.60	0.63	0.65	0.76	11.57	11.45	10.86
7.80	0.69	0.70	0.81	10.51	10.48	10.12
8.00	0.70	0.71	0.81	10.09	10.08	9.93
8.20	0.71	0.71	0.79	10.10	10.14	10.15
8.40	0.69	0.69	0.76	10.54	10.57	10.69
8.60	0.63	0.64	0.71	11.55	11.41	11.70
8.80	0.58	0.60	0.65	12.77	12.62	13.18
9.00	0.55	0.56	0.60	14.31	14.07	14.81
9.20	0.51	0.52	0.57	16.25	15.70	16.52
9.40	0.46	0.48	0.54	18.26	17.48	18.64
9.60	0.43	0.45	0.52	20.08	19.26	21.06
9.80	0.42	0.43	0.51	21.73	21.20	23.13
10.00	0.41	0.42	0.53	24.77	23.97	25.87
10.20	0.41	0.43	0.56	28.35	28.97	34.37
10.40	0.45	0.47	0.63	32.89	50.45	32.72
10.60	0.52	0.55	0.73	29.60	25.76	23.20
10.80	0.64	0.69	0.91	20.28	18.39	17.14
11.0	0.82	0.91	1.20	15.27	13.89	12.81