

LTCC High Pass Filter

HFHKL-3500+

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	89.21	86.01	84.85	0.09	0.12	0.16
0.10	82.59	83.51	81.85	0.12	0.14	0.18
0.20	77.30	76.89	76.78	0.16	0.18	0.24
0.30	74.71	74.57	73.41	0.21	0.23	0.28
0.40	71.96	72.52	72.08	0.22	0.23	0.29
0.50	70.48	70.53	70.43	0.24	0.26	0.31
0.60	69.20	69.34	69.05	0.24	0.27	0.32
0.70	68.24	68.50	68.89	0.23	0.26	0.31
0.80	68.23	67.68	67.93	0.23	0.25	0.31
0.90	67.90	67.96	67.68	0.23	0.25	0.30
1.00	68.18	68.10	68.16	0.21	0.23	0.28
1.10	68.54	68.82	68.65	0.18	0.20	0.25
1.20	69.73	70.05	70.39	0.17	0.19	0.24
1.30	72.19	72.60	74.16	0.16	0.18	0.24
1.40	79.38	79.27	81.14	0.13	0.15	0.21
1.60	69.99	69.57	68.47	0.10	0.12	0.18
1.80	59.34	58.73	58.13	0.08	0.11	0.18
2.00	51.73	51.26	50.77	0.09	0.12	0.20
2.20	45.30	44.87	44.35	0.12	0.16	0.25
2.40	39.28	38.82	38.24	0.19	0.24	0.31
2.60	33.29	32.77	32.09	0.28	0.35	0.41
2.80	27.17	26.58	25.80	0.43	0.50	0.59
3.00	20.66	19.98	19.13	0.63	0.71	0.85
3.20	13.58	12.80	11.89	1.13	1.29	1.59
3.40	6.17	5.51	4.86	3.19	3.85	5.04
3.60	1.73	1.69	1.79	15.59	18.90	21.84
3.80	1.35	1.43	1.60	12.85	12.27	11.81
4.00	1.32	1.33	1.42	10.69	10.94	11.34
4.20	1.06	1.05	1.11	12.48	13.14	14.19
4.40	0.82	0.82	0.89	17.31	18.64	20.82
4.60	0.70	0.71	0.80	30.37	35.06	43.07
4.80	0.68	0.68	0.78	24.46	23.94	22.30
5.00	0.69	0.68	0.78	18.60	18.81	18.41
5.20	0.71	0.69	0.78	16.33	16.62	16.51
5.40	0.72	0.69	0.77	15.30	15.46	15.58
5.60	0.73	0.69	0.75	14.59	14.60	14.78
5.80	0.72	0.67	0.74	14.35	14.25	14.42
6.00	0.70	0.66	0.72	14.00	13.81	14.07
6.20	0.66	0.63	0.70	14.07	13.90	14.12
6.40	0.63	0.61	0.68	13.89	13.79	14.16
6.60	0.60	0.58	0.65	14.24	14.23	14.69
6.80	0.57	0.56	0.63	14.48	14.45	15.11
7.00	0.54	0.53	0.61	15.28	15.26	15.90
7.20	0.53	0.51	0.58	16.17	16.17	16.89
7.40	0.51	0.49	0.57	17.48	17.58	18.19
7.60	0.50	0.48	0.56	19.08	19.09	19.73
7.80	0.50	0.47	0.55	21.25	21.12	21.77
8.00	0.50	0.47	0.55	23.85	23.48	24.11
8.20	0.50	0.47	0.55	26.47	25.76	26.10
8.40	0.49	0.47	0.55	29.52	28.87	28.53
8.60	0.49	0.47	0.55	30.19	29.29	29.40
8.80	0.48	0.47	0.54	31.72	30.41	30.46
9.00	0.47	0.47	0.54	30.21	28.30	29.34
9.20	0.47	0.47	0.53	30.84	28.71	27.83
9.40	0.46	0.46	0.53	28.50	27.48	27.33
9.60	0.46	0.47	0.53	27.28	26.58	26.03
9.80	0.47	0.47	0.53	24.93	24.98	25.50
10.00	0.46	0.46	0.54	23.92	24.18	24.30
10.20	0.47	0.46	0.54	22.34	23.17	23.98
10.40	0.47	0.46	0.55	21.92	22.36	22.96
10.60	0.50	0.47	0.55	21.14	21.89	22.70
10.80	0.50	0.48	0.56	20.73	21.08	21.87
11.00	0.52	0.48	0.57	21.47	21.58	22.76
11.50	0.54	0.51	0.59	23.43	23.14	25.39
12.00	0.57	0.54	0.62	28.13	27.20	30.28
12.50	0.58	0.57	0.65	32.91	30.52	32.42