

LTCC High Pass Filter

HFHKL-2700+

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	89.06	87.41	87.76	0.09	0.11	0.15
0.10	83.32	82.72	83.01	0.12	0.15	0.19
0.20	77.68	77.56	77.41	0.18	0.22	0.25
0.30	74.66	74.55	74.53	0.21	0.26	0.29
0.40	72.73	72.57	72.64	0.24	0.29	0.32
0.50	71.57	71.50	71.42	0.25	0.30	0.33
0.60	71.00	70.90	70.81	0.25	0.31	0.34
0.70	70.98	70.99	70.91	0.25	0.31	0.34
0.80	71.85	71.87	71.91	0.25	0.30	0.33
0.90	74.23	74.46	74.69	0.24	0.29	0.33
1.00	82.73	83.89	85.37	0.23	0.28	0.31
1.10	77.61	76.52	75.18	0.21	0.26	0.29
1.20	66.87	66.28	65.65	0.20	0.24	0.28
1.30	60.33	59.85	59.31	0.18	0.23	0.27
1.40	55.07	54.66	54.16	0.17	0.21	0.26
1.60	46.07	45.68	45.17	0.17	0.21	0.27
1.80	37.86	37.40	36.91	0.19	0.24	0.32
2.00	29.81	29.32	28.77	0.29	0.36	0.46
2.20	21.65	21.10	20.47	0.51	0.63	0.77
2.40	13.20	12.62	11.93	1.15	1.40	1.68
2.60	5.28	4.92	4.50	3.98	4.72	5.68
2.80	1.53	1.56	1.62	15.90	17.92	20.49
3.00	1.01	1.09	1.18	18.84	19.00	19.08
3.20	0.83	0.89	0.96	19.92	20.57	21.51
3.40	0.70	0.75	0.83	24.10	24.35	23.82
3.60	0.65	0.70	0.78	20.48	20.06	19.12
3.80	0.65	0.70	0.77	17.40	17.22	16.77
4.00	0.63	0.68	0.74	16.47	16.42	16.37
4.20	0.60	0.63	0.69	16.87	16.97	17.34
4.40	0.55	0.58	0.63	18.08	18.51	19.36
4.60	0.50	0.53	0.58	20.29	21.04	22.55
4.80	0.47	0.49	0.54	23.41	24.70	27.11
5.00	0.45	0.47	0.53	27.51	29.27	32.06
5.20	0.44	0.46	0.52	32.41	32.96	33.05
5.40	0.43	0.45	0.51	33.87	33.03	31.37
5.60	0.41	0.43	0.50	32.89	32.16	30.32
5.80	0.40	0.42	0.48	32.19	31.50	29.70
6.00	0.38	0.40	0.47	31.98	31.58	29.50
6.20	0.36	0.38	0.45	31.90	31.50	29.16
6.40	0.34	0.37	0.44	31.44	31.15	28.58
6.60	0.33	0.35	0.43	29.89	29.95	27.65
6.80	0.32	0.35	0.42	28.16	28.48	26.73
7.00	0.32	0.35	0.42	26.78	27.28	26.16
7.20	0.33	0.35	0.42	25.62	26.33	25.75
7.40	0.34	0.36	0.44	25.16	25.89	25.69
7.60	0.36	0.38	0.45	25.32	26.05	26.03
7.80	0.37	0.40	0.47	26.32	26.96	26.68
8.00	0.39	0.42	0.50	28.13	28.48	27.41
8.20	0.41	0.44	0.52	30.12	30.06	27.85
8.40	0.43	0.46	0.53	31.53	30.85	27.83
8.60	0.45	0.48	0.54	30.88	30.04	27.07
8.80	0.46	0.49	0.55	29.64	28.50	25.79
9.00	0.47	0.50	0.56	28.19	26.82	24.35
9.20	0.48	0.50	0.57	27.30	25.76	23.34
9.40	0.48	0.50	0.57	26.87	25.10	22.72
9.60	0.48	0.51	0.58	25.97	24.50	22.22
9.80	0.48	0.50	0.58	25.47	24.33	22.08
10.00	0.47	0.50	0.58	25.21	24.19	22.06
10.20	0.47	0.50	0.59	24.51	23.87	21.89
10.40	0.47	0.50	0.60	23.95	23.46	21.64
10.60	0.48	0.52	0.62	22.89	22.62	21.07
10.80	0.49	0.54	0.65	21.94	21.79	20.52
11.0	0.51	0.56	0.68	21.30	21.23	20.30