LTCC Low pass Filter LFHKI-6000+

Typical Performance Data

FREQUENCY (GHz)	INSERTION LOSS (dB)			RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
0.01	0.01	0.04	0.01	41.17	40.79	38.43
0.05	0.04	0.05	0.07	43.75	42.14	40.15
0.50	0.11	0.14	0.17	28.89	27.80	26.65
1.00	0.19	0.22	0.26	25.23	24.75	24.10
1.50	0.22	0.25	0.30	29.83	30.36	30.83
2.00	0.28	0.31	0.36	29.86	29.66	29.76
2.50	0.35	0.38	0.44	21.24	21.81	22.30
3.00	0.38	0.41	0.48	22.74	23.01	23.30
3.50	0.41	0.46	0.53	40.82	43.68	39.46
4.00	0.51	0.57	0.66	21.63	21.07	20.79
4.50	0.68	0.74	0.85	15.15	15.17	15.07
5.00	0.82	0.88	0.97	14.25	14.54	15.06
5.50	0.79	0.87	1.01	26.57	29.10	31.94
6.00	1.29	1.44	1.67	11.49	11.01	10.53
6.50	2.06	2.14	2.30	8.08	8.52	16.69
7.00	3.73	4.72	6.24	6.85	5.41	4.13
7.50	15.84	16.95	18.51	0.88	0.86	0.88
8.00	26.33	27.22	28.55	0.45	0.48	0.53
9.00	43.37	44.09	44.87	0.21	0.25	0.29
10.00	66.78	70.01	74.28	0.17	0.19	0.24
15.00	52.78	53.10	52.55	0.08	0.13	0.22
20.00	56.25	55.66	56.25	0.24	0.29	0.39
21.00	54.97	57.47	56.11	0.24	0.32	0.48
22.00	55.63	56.43	57.42	0.50	0.76	1.27
23.00	61.76	56.65	55.47	6.80	3.53	2.03
24.00	53.48	53.92	53.76	0.59	0.61	0.68
25.00	53.53	53.74	52.57	0.35	0.43	0.52
26.00	52.65	52.83	53.50	0.41	0.52	0.69
27.00	52.94	54.46	51.15	0.53	0.65	0.89
28.00	51.46	51.80	48.63	0.80	1.07	1.52
29.00	47.85	49.21	49.31	3.48	5.84	13.83
30.00	51.85	56.43	52.65	5.12	3.70	2.83
31.00	52.66	50.87	50.00	1.17	1.12	1.14
32.00	47.62	46.12	45.06	0.66	0.75	0.87
33.00	44.63	44.24	44.55	0.51	0.62	0.82
34.00	44.61	44.44	44.35	0.57	0.67	0.79
35.00	44.38	44.39	44.34	0.57	0.66	0.79
36.00	43.51	45.82	43.97	0.47	0.53	0.68
37.00	45.48	47.61	48.73	0.56	0.63	0.80
38.00	45.65	47.64	49.40	0.37	0.48	0.67
39.00	45.03	46.64	44.49	0.41	0.56	0.76
40.00	44.44	45.43	48.14	0.61	0.66	0.70
41.00	43.38	44.23	44.57	0.58	0.64	0.80
42.00	46.31	44.23	44.03	0.49	0.57	0.77
43.00	47.66	44.01	44.33	0.55	0.62	0.81
44.00	46.17	43.62	43.46	0.40	0.48	0.66
45.00	45.30	45.92	44.99	0.33	0.39	0.67
46.00	44.58	44.01	42.69	0.79	0.95	1.13
47.00	42.36	39.11	40.00	0.85	0.98	1.04
48.00	39.47	41.08	47.36	0.59	0.72	0.94
49.00	45.03	44.09	47.28	0.67	0.90	1.21
50.00	46.70	46.36	50.18	1.10	1.22	1.52