

LTCC High pass Filter

HFHKI-3100+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)			RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
10.00	77.42	90.48	75.66	0.08	0.13	0.15	0.09	0.15	0.05
50.00	92.68	88.61	91.82	0.10	0.15	0.17	0.11	0.17	0.06
100.00	83.65	84.52	83.56	0.13	0.19	0.22	0.15	0.22	0.11
500.00	72.25	72.62	73.33	0.23	0.30	0.34	0.27	0.34	0.19
1000.00	73.44	73.86	74.03	0.18	0.26	0.29	0.21	0.29	0.14
1500.00	61.97	61.56	61.05	0.07	0.16	0.21	0.12	0.21	0.03
2000.00	43.55	43.20	42.75	0.06	0.18	0.25	0.12	0.25	0.01
2500.00	27.25	26.82	26.24	0.32	0.48	0.58	0.40	0.58	0.25
3000.00	9.11	8.56	7.84	1.94	2.38	2.93	2.08	2.93	1.69
3500.00	1.27	1.43	1.55	12.89	12.70	12.53	11.72	12.53	11.83
4000.00	0.87	0.97	1.02	13.77	14.41	15.09	14.64	15.09	14.02
4500.00	0.59	0.70	0.76	20.99	20.90	20.83	23.60	20.83	23.24
5000.00	0.55	0.65	0.69	18.73	19.09	19.34	19.72	19.34	19.35
5500.00	0.52	0.61	0.64	19.61	20.16	20.52	19.52	20.52	19.11
6000.00	0.49	0.58	0.61	22.94	22.79	23.05	20.84	23.05	20.83
6500.00	0.48	0.57	0.59	23.21	23.54	23.99	22.31	23.99	21.79
7000.00	0.47	0.56	0.58	23.13	22.68	22.44	23.62	22.44	23.52
7500.00	0.45	0.55	0.57	22.44	21.98	21.48	23.53	23.62	23.34
8000.00	0.42	0.51	0.53	22.39	22.42	22.24	24.06	22.24	23.26
8500.00	0.37	0.47	0.49	24.44	23.51	23.15	25.47	23.15	25.99
9000.00	0.33	0.45	0.48	23.08	22.28	21.42	23.88	21.42	25.56
9500.00	0.37	0.50	0.55	18.49	18.52	17.70	19.24	17.70	19.20
10000.00	0.51	0.63	0.69	16.11	15.70	15.11	15.98	15.11	16.22
10500.00	0.66	0.78	0.82	14.88	14.44	14.11	14.60	14.11	15.06
11000.00	0.77	0.86	0.88	14.20	14.53	14.41	14.73	14.41	14.46
11500.00	0.77	0.86	0.88	15.72	15.97	15.75	16.10	15.75	15.78
12000.00	0.74	0.86	0.88	17.76	17.82	17.84	17.84	17.84	17.86
12500.00	0.81	0.92	0.95	18.66	19.83	20.43	19.58	20.43	18.70