LTCC Low pass Filter LFHKI-2500+

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	0.08	0.09	0.10	39.14	37.83	36.15
0.05	0.08	0.09	0.12	38.85	37.39	35.65
0.50	0.23	0.27	0.32	29.35	29.99	30.95
1.00	0.42	0.47	0.56	18.43	18.23	18.07
1.50	0.54	0.59	0.70	23.26	23.67	24.55
2.00	0.89	0.96	1.10	15.14	15.18	15.33
2.50	1.36	1.51	1.78	14.39	14.08	13.74
3.00	13.20	14.33	15.94	1.46	1.41	1.39
3.50	37.07	38.02	39.16	0.39	0.39	0.41
4.00	56.31	57.72	59.85	0.23	0.23	0.26
4.50	64.16	72.83	65.47	0.21	0.22	0.27
5.00	59.54	61.44	60.23	0.22	0.24	0.28
5.50	60.27	60.31	56.80	0.22	0.25	0.29
6.00	58.99	58.30	59.26	0.22	0.24	0.28
6.50	57.97	58.40	57.70	0.22	0.22	16.69
7.00	59.27	56.46	58.01	0.17	0.20	0.23
7.50	15.84	16.95	18.51	0.88	0.86	0.88
8.00	55.76	57.13	57.28	0.15	0.17	0.19
9.00	55.04	56.10	58.34	0.10	0.13	0.16
10.00	57.13	56.29	56.58	0.12	0.14	0.20
15.00	59.11	59.76	60.31	0.14	0.20	0.27
20.00	55.66	56.37	57.38	0.29	0.35	0.46
21.00	60.39	61.40	71.84	0.28	0.38	0.50
22.00	47.32	42.91	39.21	0.58	0.75	0.96
23.00	33.44	31.93	29.75	1.61	2.35	4.31
24.00	32.39	36.22	40.79	2.34	1.75	1.36
25.00	45.95	46.44	47.23	0.56	0.65	0.71
26.00	47.02	46.66	45.73	0.54	0.59	0.74
27.00	43.73	44.52	46.57	0.49	0.56	0.63
28.00	45.41	45.40	44.69	0.45	0.57	0.66
29.00	43.17	44.48	44.29	0.59	0.68	0.82
30.00	43.18	43.32	43.49	0.62	0.72	0.83
31.00	41.97	42.13	42.40	0.50	0.63	0.76
32.00	41.14	41.38	40.57	0.74	0.92	1.22
33.00	42.42	41.57	41.24	1.35	1.74	2.58
34.00	42.65	44.17	49.95	6.13	8.94	6.43
35.00	45.16	43.27	42.24	2.19	1.81	1.56
36.00	42.38	43.21	41.22	0.89	0.97	1.11
37.00	40.26	39.21	36.42	1.13	1.55	2.57
38.00	35.84	42.99	58.50	3.66	2.48	1.72
39.00	47.89	44.96	44.77	0.94	0.92	0.89
40.00	44.53	45.51	46.74	0.64	0.71	0.77
41.00	42.42	41.74	42.35	0.57	0.71	0.92
42.00	43.15	45.27	43.51	0.54	0.70	0.92
43.00	38.33	39.31	48.65	0.81	0.92	1.00
44.00	45.06	47.26	48.47	0.91	0.92	1.06
45.00	46.40	46.52	50.04	0.85	0.94	1.06
46.00	51.09	51.93	54.37	0.82	0.92	1.06
47.00	51.20	56.16	54.43	0.65	0.87	1.19
48.00	49.84	54.32	65.31	0.91	1.18	1.46
49.00	55.01	53.80	50.49	1.37	1.55	1.91
50.00	47.68	43.11	41.71	1.63	1.90	2.47