LTCC Low pass Filter LFHKI-530+

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	0.12	0.19	0.24	31.87	30.53	28.98
0.05	0.25	0.29	0.36	25.61	25.02	24.60
0.50	1.02	1.24	1.52	26.00	26.42	26.98
1.00	53.51	53.46	55.10	0.29	0.36	0.44
1.50	67.26	67.19	69.52	0.23	0.29	0.35
2.00	67.98	63.26	63.45	0.13	0.18	0.23
2.50	63.56	63.83	65.99	-0.01	0.04	0.10
3.00	63.29	63.28	61.43	-0.10	-0.06	0.03
3.50	61.37	59.98	61.10	-0.10	-0.04	0.07
4.00	60.94	60.14	60.77	-0.07	0.02	0.14
4.50	60.36	61.04	60.27	-0.04	0.06	0.20
5.00	59.47	60.07	59.12	0.07	0.22	0.47
5.50	59.60	57.89	57.38	0.04	0.13	0.27
6.00	59.19	58.71	58.83	-0.01	0.09	0.23
6.50	57.08	59.72	58.99	-0.04	0.07	16.69
7.00	57.74	56.68	60.04	-0.06	0.06	0.22
7.50	15.84	16.95	18.51	0.88	0.86	0.88
8.00	56.47	57.73	57.09	-0.15	-0.01	0.16
9.00	57.32	56.63	58.42	-0.12	0.04	0.21
10.00	55.58	58.67	56.13	-0.15	0.02	0.23
15.00	66.80	56.93	56.89	0.19	0.47	0.93
20.00	54.75	56.15	56.64	0.03	0.33	0.74
21.00	55.49	55.31	54.20	0.20	0.81	1.69
22.00	38.89	45.20	52.21	1.43	1.16	1.09
23.00	54.47	62.24	57.03	0.18	0.46	0.82
24.00	57.47	56.14	56.07	-0.08	0.25	0.63
25.00	52.67	51.92	53.48	-0.07	0.33	0.84
26.00	52.27	51.51	52.09	0.88	1.24	1.35
27.00	50.08	48.27	49.89	-0.04	0.30	0.79
28.00	46.87	48.23	46.11	-0.14	0.26	0.73
29.00	45.37	44.54	45.95	-0.09	0.34	0.87
30.00	43.59	43.80	44.49	0.15	0.54	1.08
31.00	40.97	40.79	41.23	-0.10	0.36	0.87
32.00	37.22	36.33	34.65	-0.06	0.48	1.19
33.00	35.71	37.74	39.66	0.06	0.53	1.33
34.00	40.09	43.38	48.11	0.92	1.86	2.50
35.00	44.72	44.46	44.93	0.69	0.91	1.30
36.00	50.43	45.62	44.42	0.09	0.49	1.05
37.00	44.12	43.21	43.46	-0.05	0.51	1.15
38.00	44.37	45.01	46.73	-0.28	0.29	1.04
39.00	47.18	58.89	37.81	-0.14	0.49	1.34
40.00	29.60	28.64	25.73	0.29	0.95	1.99