LTCC Low pass Filter LFHKI-900+

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	0.15	0.15	0.18	34.51	35.11	32.96
0.05	0.24	0.26	0.31	22.94	22.79	22.47
0.50	0.65	0.76	0.94	30.00	29.51	28.83
1.00	2.60	3.29	4.48	15.79	13.11	10.05
1.50	52.63	53.99	55.04	0.43	0.41	0.50
2.00	75.10	70.35	68.10	0.33	0.31	0.37
2.50	65.40	71.92	65.12	0.20	0.19	0.25
3.00	62.87	64.24	67.11	0.04	0.07	0.14
3.50	63.26	61.75	62.84	-0.01	0.05	0.14
4.00	61.15	59.47	60.23	-0.01	0.07	0.18
4.50	58.24	59.20	58.61	0.04	0.11	0.24
5.00	58.37	58.10	58.63	0.09	0.15	0.28
5.50	58.05	59.26	59.14	0.11	0.15	0.30
6.00	57.98	58.55	57.77	0.22	0.30	0.62
6.50	59.24	60.34	58.27	0.16	0.16	16.69
7.00	57.56	57.66	58.28	0.10	0.11	0.27
7.50	15.84	16.95	18.51	0.88	0.86	0.88
8.00	56.41	56.91	57.10	0.00	0.09	0.27
9.00	57.79	56.57	56.40	-0.06	0.07	0.25
10.00	56.88	57.16	56.57	-0.10	0.06	0.28
15.00	56.71	57.10	55.52	-0.18	0.06	0.37
20.00	46.28	43.89	39.69	0.22	0.60	1.23
21.00	28.58	29.42	31.86	1.42	2.58	4.61
22.00	25.69	29.75	37.21	4.00	3.01	2.35
23.00	52.37	54.43	58.21	0.45	0.70	1.13
24.00	50.33	51.66	53.29	0.26	0.54	1.06
25.00	47.46	50.48	50.40	0.77	1.51	1.95
26.00	55.17	56.16	53.40	1.02	0.99	1.28
27.00	48.90	49.47	48.96	0.03	0.41	0.96
28.00	46.64	47.69	49.01	0.00	0.42	0.91
29.00	44.56	45.07	45.03	0.18	0.55	1.16
30.00	42.36	43.38	46.01	0.62	1.16	1.69
31.00	43.95	43.70	43.17	0.12	0.45	1.00
32.00	42.29	41.82	42.40	0.06	0.47	1.10
33.00	40.52	41.19	41.40	-0.02	0.39	1.03
34.00	41.49	41.57	41.21	0.00	0.37	0.95
35.00	41.39	43.76	42.32	0.04	0.39	0.99
36.00	40.69	39.19	39.62	0.08	0.44	1.05
37.00	41.26	42.08	43.01	-0.03	0.40	1.07
38.00	42.48	43.29	43.45	-0.10	0.38	1.16
39.00	42.13	42.42	43.67	0.09	0.55	1.29
40.00	42.54	44.37	50.34	0.30	0.95	1.90
41.00	45.05	43.29	42.48	1.11	1.12	1.53
42.00	41.50	48.70	46.73	0.21	0.69	1.67
43.00	37.48	37.11	43.18	1.22	1.65	1.69
44.00	43.27	42.36	42.04	0.15	0.57	1.28
45.00	47.63	51.71	49.08	-0.12	0.41	1.26
46.00	47.25	45.67	54.62	0.24	0.91	1.94
47.00	50.84	39.54	34.82	1.11	2.71	4.37
48.00	29.87	35.17	37.23	2.04	1.81	2.23
49.00	32.47	38.97	43.82	0.64	1.31	2.08
50.00	39.80	38.16	42.86	0.77	1.79	3.31