LTCC Bandpass Filter   BFHKI-5001+

Typical Performance Data

FREQUENCY (GHz)	INSERTION LOSS (dB)			RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
0.1	107.98	99.25	100.92	0.08	0.09	0.10
0.2	95.73	93.25	95.68	0.12	0.13	0.14
0.4	89.68	90.52	89.01	0.19	0.19	0.20
0.6	86.25	85.61	85.98	0.22	0.23	0.24
0.8	84.26	83.65	84.37	0.23	0.24	0.24
1.0	82.18	82.36	81.93	0.22	0.23	0.22
1.2	80.59	80.64	80.27	0.19	0.20	0.19
1.4	79.42	79.44	79.20	0.14	0.15	0.14
1.6	78.18	78.51	78.13	0.09	0.11	0.10
1.8	77.16	77.39	77.21	0.04	0.06	0.06
2.0	77.05	76.55	76.74	-0.01	0.02	0.03
2.2	76.27	75.89	76.20	-0.04	-0.01	0.02
2.4	75.80	75.63	75.36	-0.06	-0.02	0.02
2.6	75.56	75.04	75.34	-0.06	-0.02	0.04
2.8	74.58	75.13	74.71	-0.05	0.00	0.07
3.0	74.04	73.87	73.69	-0.01	0.04	0.13
3.2	72.11	72.08	71.57	0.04	0.10	0.19
3.4	68.42	68.09	67.30	0.11	0.18	0.27
3.6	61.73	60.90	59.60	0.20	0.28	0.38
3.8	51.54	50.32	48.33	0.32	0.42	0.52
4.0	37.50	35.59	32.65	0.53	0.66	0.82
4.2	16.78	13.65	9.50	1.40	2.14	4.08
4.4	2.33	2.57	2.79	19.91	23.54	25.80
4.6	1.94	2.24	2.51	20.04	24.34	30.71
4.8	1.96	2.30	2.59	17.76	18.27	20.76
5.0	1.97	2.37	2.75	25.84	21.83	20.12
5.2	2.16	2.58	3.03	25.14	28.42	21.71
5.4	2.61	3.10	3.58	14.60	14.80	16.41
5.6	2.89	3.52	4.29	25.35	22.15	18.70
5.8	3.92	4.86	6.28	16.81	19.10	22.72
6.0	10.36	15.38	22.45	8.01	6.12	4.70
6.2	35.35	40.27	46.45	2.08	2.05	1.89
6.4	58.18	63.35	70.18	1.12	1.16	1.11
6.6	72.73	70.65	69.66	0.72	0.77	0.75
6.8	68.04	69.02	68.22	0.50	0.55	0.54
7.0	68.63	69.13	68.96	0.36	0.42	0.41
7.2	69.16	69.73	69.40	0.29	0.34	0.35
7.4	68.34	69.75	68.04	0.24	0.30	0.31
7.6	68.53	69.72	68.57	0.23	0.29	0.31
7.8	69.55	69.61	69.59	0.23	0.30	0.32
8.0	69.18	69.50	69.34	0.24	0.32	0.33
8.2	72.17	69.15	72.27	0.27	0.35	0.36
8.4	71.55	68.95	71.56	0.30	0.37	0.39
8.6	69.13	68.87	69.22	0.32	0.39	0.41
8.8	69.18	68.43	68.97	0.35	0.42	0.44
9.0	68.84	68.21	68.81	0.36	0.44	0.46
9.2	68.87	68.07	68.72	0.38	0.46	0.48
9.4	69.82	67.63	70.07	0.40	0.48	0.51
9.6	69.72	67.54	69.37	0.41	0.50	0.53
9.8	66.02	67.15	65.58	0.43	0.52	0.55
10.0	66.74	66.78	66.44	0.43	0.52	0.55
10.2	66.82	66.47	66.61	0.43	0.52	0.55
10.4	66.08	65.72	66.19	0.42	0.51	0.54
10.6	64.91	65.22	64.47	0.41	0.49	0.52
10.8	63.70	64.51	63.07	0.39	0.48	0.51
11.0	61.69	63.72	61.02	0.38	0.47	0.51
11.2	60.67	63.06	59.94	0.39	0.48	0.52
11.4	60.95	62.25	60.12	0.41	0.50	0.55
11.6	61.63	61.62	60.92	0.44	0.54	0.59
11.8	61.75	60.99	61.32	0.49	0.59	0.64
12.0	60.69	60.22	60.48	0.53	0.65	0.69
12.2	60.81	59.78	60.32	0.57	0.69	0.73
12.4	60.90	59.42	60.39	0.60	0.72	0.76
12.6	60.43	58.99	60.38	0.60	0.73	0.75
12.8	58.90	58.62	59.13	0.59	0.71	0.73
13.0	57.84	58.12	57.66	0.55	0.68	0.70