

LTCC Bandpass Filter
Typical Performance Data

BFHKI-2162+

FREQUENCY (GHz)	INSERTION LOSS (dB)			RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
0.50	87.17	91.62	96.26	0.38	0.37	0.40
1.00	86.47	86.34	85.13	0.53	0.52	0.48
2.00	82.38	80.43	81.71	0.40	0.43	0.38
3.00	77.41	79.13	78.77	0.35	0.41	0.42
4.00	76.39	76.26	75.38	0.55	0.59	0.65
5.00	76.20	77.62	77.28	0.80	0.75	0.86
6.00	0.93	1.08	1.24	13.08	13.08	12.94
7.00	80.14	80.16	79.96	0.68	0.72	0.87
8.00	78.05	80.48	79.80	0.65	0.80	0.94
9.00	75.52	75.11	75.72	0.81	0.93	1.13
10.00	78.04	80.31	75.09	1.11	1.10	1.32
11.00	78.90	79.21	78.78	1.32	1.22	1.40
12.00	70.44	70.49	70.05	1.10	1.21	1.40
13.00	2.27	2.48	2.78	4.59	4.50	4.25
14.00	59.93	60.02	59.32	1.18	1.30	1.57
15.00	53.69	53.93	53.79	1.73	1.60	1.81
16.00	49.80	49.06	48.84	1.67	1.70	1.96
17.00	41.26	39.04	35.85	1.28	1.55	1.92
18.00	2.84	3.02	3.26	3.75	3.73	3.61
19.00	3.07	3.20	3.48	12.65	16.51	25.47
19.25	2.66	3.00	3.49	23.87	20.61	16.82
19.50	2.70	3.10	3.54	14.77	13.93	14.26
19.75	1.76	1.87	1.97	6.21	6.35	6.50
20.00	2.60	2.89	3.32	18.78	22.05	25.89
20.25	2.55	2.85	3.34	23.41	26.56	21.81
20.50	2.56	2.90	3.42	21.03	20.48	18.17
20.75	2.58	2.94	3.47	23.15	19.54	17.50
21.00	0.69	0.90	1.13	23.02	20.16	16.81
21.25	2.62	2.97	3.41	21.65	18.07	21.07
21.50	2.66	2.94	3.39	17.70	19.66	31.32
21.75	2.66	2.93	3.52	17.23	30.26	21.84
22.00	2.63	3.05	3.77	24.77	21.14	14.85
22.25	2.68	3.06	3.57	4.57	4.40	4.03
22.50	3.42	3.71	4.10	10.36	10.36	11.53
22.75	3.80	3.77	3.96	8.18	10.02	13.71
23.00	3.57	3.51	3.81	9.22	13.05	22.66
23.25	3.10	3.32	3.91	16.03	29.65	20.31
23.50	4.96	5.30	5.72	2.30	2.33	2.28
23.75	3.56	3.87	4.30	10.94	11.08	12.80
24.00	3.59	3.84	4.20	10.32	11.86	16.57
24.25	3.29	3.61	4.21	14.22	19.00	29.34
24.50	3.16	3.68	4.53	47.27	21.17	17.02
24.75	3.38	4.02	4.94	16.30	14.78	15.48
25.00	3.64	4.29	5.46	14.13	16.64	17.97
26.00	15.18	20.93	28.15	3.53	3.36	3.28
27.00	4.69	4.83	4.86	3.10	3.35	3.72
28.00	49.94	51.50	52.34	2.19	2.08	2.54
29.00	55.11	55.28	56.01	1.97	2.17	2.57
30.00	58.29	58.86	60.38	1.87	2.17	2.42
31.00	59.35	59.99	61.05	1.65	2.03	2.30
32.00	5.68	5.29	4.40	13.73	18.33	15.66
33.00	67.05	69.43	72.23	2.56	2.41	2.95
34.00	77.38	85.03	77.83	2.32	2.56	2.73
35.00	73.64	71.37	72.12	1.81	2.16	2.48
36.00	69.37	67.28	68.06	1.65	2.11	2.70
37.00	8.05	9.18	10.55	2.25	2.31	2.40
38.00	69.33	67.60	68.24	3.19	2.89	3.15
39.00	71.01	65.04	71.40	2.19	2.38	2.71
40.00	80.17	80.35	79.04	1.85	2.33	2.86