

LTCC Bandpass Filter

Typical Performance Data

BFHKI-1742+

FREQUENCY (GHz)	INSERTION LOSS (dB)			RETURN LOSS (dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
0.1	100.09	101.57	98.19	0.04	0.06	0.06
0.5	90.69	89.95	91.46	0.16	0.18	0.18
1.0	85.23	85.83	85.35	0.19	0.22	0.20
3.0	76.00	76.32	75.91	-0.15	-0.07	-0.03
4.0	75.60	75.66	75.24	-0.03	0.07	0.11
5.0	77.95	77.71	78.24	0.14	0.22	0.24
6.0	79.33	82.27	79.91	0.12	0.17	0.18
7.0	82.22	79.13	81.30	0.02	0.10	0.11
8.0	77.20	75.46	77.32	0.07	0.17	0.20
9.0	74.64	76.48	74.85	0.19	0.28	0.32
10.0	74.84	75.22	73.90	0.22	0.32	0.38
11.0	73.84	71.37	70.74	0.20	0.31	0.37
12.0	63.72	64.26	62.83	0.23	0.37	0.45
13.0	57.04	56.62	55.86	0.32	0.49	0.58
14.0	44.60	42.65	39.90	0.44	0.61	0.71
15.0	7.93	5.20	3.73	3.94	8.07	15.96
15.5	1.98	2.24	2.39	21.07	19.74	19.92
16.0	1.56	1.88	2.16	38.53	23.39	18.28
16.5	1.63	1.90	2.06	14.38	15.69	18.33
17.0	1.47	1.86	2.23	24.84	17.79	13.68
17.5	1.89	2.18	2.30	10.15	10.56	11.60
18.0	1.52	1.78	2.02	17.19	22.27	27.18
18.5	1.49	1.85	2.16	20.73	19.93	19.71
19.0	1.59	1.98	2.34	28.72	44.50	26.35
19.5	1.86	2.36	2.88	19.27	17.63	15.83
20.0	2.44	3.42	5.90	20.99	19.24	8.25
21.0	26.13	29.97	34.13	1.03	1.23	1.28
22.0	46.17	47.68	48.56	0.60	0.82	0.99
23.0	49.18	49.25	49.27	0.50	0.71	0.79
24.0	47.69	47.74	47.62	0.38	0.56	0.61
25.0	47.19	47.35	47.83	0.28	0.48	0.59
26.0	48.81	49.10	49.51	0.24	0.45	0.47
27.0	50.69	51.08	51.24	0.39	0.54	0.57
28.0	52.50	53.17	53.03	0.36	0.53	0.53
29.0	56.16	55.79	56.28	0.04	0.24	0.21
30.0	56.23	57.49	56.59	0.04	0.16	0.27
31.0	59.79	57.45	60.14	0.24	0.37	0.32
32.0	58.61	60.17	59.81	0.33	0.50	0.39
33.0	65.77	66.93	67.10	0.47	0.58	0.57
34.0	77.02	74.82	76.58	0.53	0.65	0.54
35.0	77.38	76.08	75.54	0.11	0.29	0.18
36.0	68.75	68.98	65.61	-0.30	-0.10	0.13
37.0	68.52	67.49	66.71	0.14	0.40	0.51
38.0	68.77	68.35	66.02	0.90	1.21	1.09
39.0	70.03	68.38	67.98	0.75	1.01	0.99
40.0	72.77	73.15	72.20	0.52	0.91	0.63



P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 • Fax (718) 332-4661 For detailed performance specs & shopping online see Mini-Circuits web site

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IF/RF MICROWAVE COMPONENTS

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BFHKI-1742+
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