LTCC Bandpass Filter BFHK-1412+

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	63.70	59.97	69.04	0.14	0.11	0.11
0.05	83.26	76.46	76.61	0.03	0.03	0.04
0.50	74.58	81.84	73.85	0.12	0.14	0.17
1.00	69.01	72.82	76.98	0.12	0.12	0.17
1.50	70.48	68.99	67.78	0.06	0.06	0.09
2.00	72.65	67.34	64.36	0.04	-0.05	0.01
2.50	68.48	64.03	62.33	0.09	-0.10	0.06
3.00	65.36	67.69	65.09	0.08	-0.09	0.04
3.50	65.72	62.54	60.64	0.07	-0.08	0.04
4.00	63.77	64.69	60.24	0.01	0.01	0.05
4.50	61.88	60.83	60.97	0.07	0.07	0.11
5.00	60.32	60.88	62.08	0.14	0.15	0.18
5.50	60.31	59.24	60.65	0.19	0.20	0.23
6.00	59.29	57.86	57.97	0.23	0.23	0.25
6.50	57.46	56.67	56.08	0.21	0.21	0.23
7.00	55.59	56.56	56.38	0.17	0.17	0.20
7.50	54.50	55.06	54.99	0.31	0.35	0.52
8.00	52.93	53.33	53.01	0.08	0.07	0.10
8.50	52.80	52.13	52.21	0.01	0.00	0.04
9.00	50.76	50.97	50.43	0.02	0.03	0.02
9.50	50.57	50.18	50.12	0.01	0.01	0.06
10.00	48.74	48.69	49.34	0.00	0.03	0.10
10.50	47.87	47.88	47.23	0.08	0.10	0.18
11.00	46.86	46.87	46.48	0.12	0.13	0.20
11.50	46.21	46.27	46.42	0.16	0.18	0.23
12.00	47.24	48.16	49.89	0.19	0.23	0.27
12.50	56.46	48.79	42.77	0.22	0.26	0.30
13.00	27.74	24.52	20.53	0.31	0.40	0.59
13.50	5.53	3.25	2.31	3.37	7.20	12.26
13.75	1.65	1.70	1.76	12.90	12.37	14.04
14.00	1.31	1.34	1.51	16.30	21.05	26.62
14.25	1.20	1.33	1.56	23.14	21.53	22.40
14.50	1.26	1.43	1.81	24.02	26.95	25.73
15.00	4.38	8.31	14.09	5.92	3.02	1.75
16.00	60.78	59.46	54.45	0.24	0.24	0.33
17.00	53.24	52.99	54.09	0.09	0.11	0.25
18.00	58.48	59.00	59.96	0.64	0.69	0.84
19.00	63.30	64.95	64.33	1.16	1.16	1.24
20.00	61.96	67.87	66.01	0.57	0.53	0.56
21.00	69.33	63.41	79.02	0.29	0.27	0.35
22.00	68.14	62.30	76.61	0.44	0.40	0.45
23.00	65.64	68.07	70.57	0.26	0.21	0.32
24.00	67.34	63.61	67.87	0.07	0.06	0.20
25.00	79.97	68.56	76.02	0.27	0.27	0.50
26.00	68.27	70.07	66.57	0.67	0.62	0.76
27.00	73.22	69.30	64.88	0.59	0.51	0.52
28.00	66.68	68.74	66.59	0.29	0.20	0.28
29.00	63.61	69.51	61.57	0.12	0.09	0.28
30.00	59.61	58.33	60.62	0.18	0.22	0.35
31.00	56.15	56.99	56.91	0.40	0.35	0.40
32.00	56.22	55.31	52.32	0.36	0.33	0.49