

Ceramic High Pass Filter

HFCN-740+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURNLOSS (dB)		
	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C	@ -55° C	@ +25° C	@ +100° C
1	99.38	94.42	86.56	0.01	0.01	0.01	0.01	0.01	0.01
50	75.17	70.17	62.33	0.01	0.03	0.01	0.01	0.01	0.01
100	60.96	64.99	62.79	0.00	0.03	0.02	0.01	0.02	0.02
165	59.53	59.00	57.97	0.02	0.05	0.07	0.03	0.05	0.06
285	54.75	55.02	55.00	0.09	0.15	0.16	0.07	0.10	0.14
365	58.42	59.26	60.13	0.16	0.23	0.26	0.15	0.19	0.24
415	56.14	54.07	52.91	0.22	0.31	0.35	0.19	0.26	0.31
430	49.82	48.94	47.77	0.24	0.33	0.37	0.22	0.26	0.34
460	41.68	41.00	40.27	0.32	0.41	0.49	0.27	0.35	0.41
520	29.63	29.03	28.47	0.44	0.60	0.68	0.38	0.49	0.58
550	24.44	23.85	23.32	0.56	0.76	0.88	0.53	0.67	0.79
580	19.49	18.93	18.42	0.76	0.98	1.16	0.68	0.88	1.04
610	14.81	14.32	13.83	1.13	1.41	1.67	1.01	1.25	1.49
650	9.09	8.72	8.33	2.10	2.54	3.01	1.94	2.36	2.79
695	4.30	4.22	4.07	4.83	5.61	6.52	4.65	5.35	6.19
725	2.52	2.59	2.59	7.99	8.95	10.11	7.78	8.65	9.73
740	1.96	2.10	2.14	9.84	10.83	12.05	9.63	10.57	11.66
760	1.51	1.66	1.76	12.29	13.33	14.47	12.15	13.10	14.22
780	1.24	1.40	1.52	14.51	15.52	16.45	14.44	15.42	16.33
860	0.81	0.96	1.09	18.40	18.95	18.62	18.80	19.42	19.17
900	0.74	0.88	0.99	17.87	18.26	17.76	18.22	18.63	18.15
950	0.68	0.80	0.93	17.00	17.29	16.85	17.29	17.57	17.11
1000	0.63	0.76	0.87	16.28	16.50	16.23	16.27	16.53	16.25
1400	0.34	0.45	0.54	23.16	23.39	25.01	23.34	23.68	25.34
1500	0.32	0.42	0.49	30.81	31.27	34.01	32.35	33.83	37.05
1750	0.30	0.43	0.50	19.79	19.56	19.24	19.91	19.70	19.42
1900	0.38	0.48	0.57	15.43	15.14	15.04	15.40	15.14	15.11
2000	0.45	0.58	0.66	13.45	13.11	13.09	13.38	13.08	13.14
2200	0.70	0.79	0.92	10.51	10.20	10.29	10.43	10.15	10.27
2500	1.10	1.25	1.37	7.57	7.47	7.40	7.52	7.44	7.36
2800	1.65	1.81	1.95	5.68	5.64	5.61	5.67	5.58	5.53
3000	2.12	2.25	2.40	4.73	4.73	4.81	4.74	4.70	4.73
3500	3.32	3.52	3.67	3.11	3.15	3.30	3.14	3.12	3.19
4000	4.63	4.94	5.08	2.13	2.17	2.26	2.15	2.17	2.21
4500	6.12	6.40	6.84	1.55	1.65	1.72	1.52	1.61	1.66
5000	7.60	7.94	8.41	1.05	1.24	1.33	1.09	1.26	1.30
6000	11.41	11.80	12.13	0.64	0.91	1.03	0.68	0.93	1.03
6260	13.37	14.17	14.59	0.65	0.85	1.05	0.74	0.89	1.13
6500	15.99	16.87	18.29	0.60	0.78	0.93	0.66	0.84	1.03
7040	6.58	6.57	7.61	5.64	4.67	3.33	9.07	7.17	4.76
7500	13.13	11.33	11.50	1.93	2.32	1.72	1.89	2.13	1.79

REV. X1
HFCN-740+
070930
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

