

Ceramic High Pass Filter

HFCN-2700TR5K+

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
50	67.38	66.69	73.01	0.06	0.10	0.10	0.10	0.12	0.15
100	77.26	77.42	77.35	0.10	0.13	0.15	0.10	0.12	0.16
500	71.13	69.03	70.70	0.19	0.25	0.31	0.17	0.24	0.29
800	64.75	62.64	68.41	0.25	0.35	0.38	0.24	0.31	0.37
1200	61.85	61.62	62.17	0.27	0.38	0.46	0.26	0.34	0.41
1335	68.45	68.68	66.70	0.28	0.40	0.49	0.28	0.39	0.48
1395	61.48	59.86	58.84	0.27	0.39	0.49	0.29	0.41	0.51
1485	50.24	49.91	49.04	0.28	0.42	0.53	0.31	0.42	0.52
1500	49.03	48.61	47.69	0.29	0.43	0.54	0.30	0.43	0.51
1620	40.51	39.93	39.44	0.30	0.45	0.58	0.33	0.45	0.55
1700	35.60	35.06	34.66	0.31	0.49	0.62	0.33	0.48	0.57
1790	30.63	30.16	29.74	0.37	0.56	0.66	0.35	0.50	0.64
1800	30.08	29.62	29.21	0.40	0.56	0.67	0.37	0.53	0.63
1995	20.66	20.26	19.87	0.56	0.72	0.86	0.52	0.70	0.83
2115	15.49	15.17	14.81	0.77	0.95	1.10	0.69	0.89	1.04
2250	10.35	10.11	9.83	1.24	1.48	1.69	1.18	1.40	1.63
2430	5.29	5.16	5.03	2.85	3.25	3.57	2.78	3.14	3.45
2500	3.88	3.85	3.77	3.87	4.31	4.71	3.79	4.20	4.56
2555	3.04	3.09	3.02	4.85	5.31	5.85	4.76	5.13	5.63
2650	2.05	2.11	2.16	6.67	7.25	7.81	6.49	7.02	7.44
2670	1.91	1.99	2.03	7.10	7.70	8.27	6.93	7.45	7.90
2700	1.69	1.79	1.85	7.75	8.34	8.95	7.58	8.10	8.56
2800	1.19	1.33	1.43	9.95	10.56	11.20	9.74	10.24	10.69
2900	0.90	1.04	1.16	12.25	12.81	13.47	11.91	12.38	12.80
2920	0.86	1.01	1.11	12.61	13.18	13.85	12.29	12.77	13.20
3000	0.75	0.90	1.01	14.51	15.04	15.65	13.90	14.40	14.76
3200	0.52	0.69	0.81	19.04	19.87	20.22	17.78	18.47	18.77
4000	0.42	0.59	0.73	21.17	20.08	19.95	20.37	19.53	19.32
4500	0.51	0.64	0.79	20.35	20.31	20.03	19.09	19.59	19.30
5000	0.42	0.61	0.74	26.92	27.97	28.16	25.25	27.40	27.82
5500	0.56	0.75	0.93	22.61	20.67	20.14	24.56	21.83	20.97
5600	0.64	0.84	0.98	19.86	18.32	17.97	21.00	19.21	18.38
5700	0.57	0.89	1.05	17.61	16.54	16.13	17.97	17.16	16.40
5800	0.72	0.95	1.13	14.93	14.83	14.41	15.21	15.13	14.38
6000	0.77	1.11	1.28	12.74	12.11	11.75	13.02	12.28	11.67
6500	1.58	1.85	2.20	7.40	7.52	7.65	7.40	7.52	7.53
7000	2.67	2.91	3.20	4.75	4.92	5.00	4.63	4.83	4.93
7500	3.98	4.23	4.58	3.62	3.60	3.60	3.43	3.53	3.61
8000	4.88	5.41	5.86	2.75	2.61	2.54	2.51	2.51	2.63
9000	7.85	8.05	8.46	1.54	1.76	1.85	1.63	1.70	1.78

REV. X1

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