

# Surface Mount High Pass Filter

# SCHF-17

## Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C
1	98.96	99.88	101.49	0.00	0.00	0.00	0.00	0.00	0.00
10	43.99	43.96	43.80	0.08	0.09	0.10	0.08	0.08	0.10
40	0.17	0.19	0.20	20.03	20.19	20.53	20.01	20.17	20.48
100	0.13	0.14	0.15	26.02	27.29	28.57	25.99	27.18	28.44
200	0.16	0.18	0.21	22.19	21.18	20.44	22.15	21.14	20.39
300	0.16	0.23	0.27	19.70	18.12	16.67	19.59	18.08	16.60
400	0.24	0.29	0.36	16.53	15.94	14.75	16.46	15.91	14.70
500	0.31	0.37	0.44	14.32	14.23	13.40	14.32	14.26	13.42
600	0.36	0.43	0.50	13.15	12.94	12.26	13.15	13.01	12.29
700	0.39	0.48	0.56	12.22	11.83	11.25	12.23	11.89	11.27
800	0.48	0.59	0.69	11.49	10.95	10.49	11.50	11.00	10.53
900	0.58	0.72	0.83	10.93	10.27	9.91	10.96	10.30	9.95
1000	0.66	0.84	0.94	10.42	9.71	9.41	10.47	9.76	9.46
1100	0.72	0.91	1.01	9.99	9.28	9.01	10.04	9.35	9.06
1200	0.78	0.98	1.10	9.66	8.99	8.72	9.70	9.04	8.77
1300	0.86	1.08	1.20	9.45	8.87	8.59	9.51	8.93	8.67
1400	0.96	1.17	1.30	9.45	8.91	8.65	9.56	9.04	8.77
1500	1.66	1.83	1.93	8.96	8.44	8.19	9.05	8.59	8.36
1600	1.04	1.30	1.45	8.93	8.41	8.22	9.25	8.79	8.61
1700	1.16	1.42	1.56	8.98	8.44	8.31	9.65	9.16	9.03
1800	1.29	1.54	1.65	8.94	8.38	8.38	9.95	9.37	9.31
1900	1.37	1.63	1.75	9.07	8.49	8.62	10.14	9.52	9.61
2000	1.39	1.70	1.81	9.31	8.67	8.93	10.46	9.79	10.07
2100	1.53	1.88	2.00	9.63	8.93	9.32	10.96	10.25	10.69
2200	1.79	2.17	2.30	9.92	9.21	9.70	11.69	10.89	11.51
2300	2.14	2.53	2.65	10.18	9.57	10.13	12.33	11.47	12.16
2400	2.50	2.81	2.90	10.37	10.03	10.62	12.66	11.82	12.54
2500	2.66	2.86	2.93	10.70	10.71	11.35	12.41	11.89	12.65
2900	1.99	2.08	2.21	11.96	12.47	13.19	11.32	12.00	12.90
3000	1.89	1.99	2.16	11.14	11.86	12.47	10.75	11.68	12.49
3100	1.70	1.86	2.03	10.44	11.17	11.94	10.36	11.34	12.31
3200	1.75	1.95	2.11	9.89	10.73	11.47	10.06	11.23	12.17
3300	1.67	1.84	2.02	9.51	10.67	11.43	9.71	11.13	12.11
3400	1.78	1.94	2.12	9.32	10.70	11.57	9.55	11.18	12.27
3500	1.92	2.15	2.36	9.71	11.35	12.12	10.01	11.96	12.98
3600	2.14	2.42	2.57	10.19	12.07	12.78	10.48	12.72	13.64
3700	2.13	2.33	2.56	10.87	13.68	14.47	10.85	13.51	14.51
4000	2.52	2.93	3.20	24.89	25.37	23.76	15.93	21.64	22.51
4100	2.87	3.20	3.48	25.51	16.53	16.61	19.63	24.83	25.41
4600	3.57	4.09	4.33	6.95	6.70	7.01	11.49	11.25	12.12
4700	3.84	4.29	4.55	6.33	6.37	6.67	10.28	10.76	11.80
4800	4.22	4.61	4.82	5.89	6.20	6.52	9.66	10.81	12.14
4900	4.57	4.92	5.16	5.74	6.29	6.67	9.50	11.63	13.42
5000	4.80	5.11	5.41	5.82	6.63	7.02	9.98	13.54	15.93
5100	4.84	5.27	5.66	6.17	7.03	7.34	11.32	16.56	19.44
5200	5.11	5.75	6.30	6.64	7.05	7.19	14.61	20.18	18.66
5300	5.26	6.14	6.85	6.78	6.84	6.57	17.59	14.66	12.71
5400	5.71	6.88	7.72	6.54	6.00	5.66	15.67	10.44	9.08
5500	6.32	7.89	8.87	5.91	5.00	4.54	10.32	7.27	6.46
5600	7.58	9.36	10.56	4.58	3.72	3.50	6.90	5.14	4.84
5700	8.85	10.85	12.03	3.38	2.78	2.71	4.71	3.78	3.74
5800	10.40	12.36	13.62	2.44	2.18	2.16	3.33	2.93	3.04
5900	11.87	13.87	14.96	1.78	1.67	1.77	2.44	2.35	2.55
6000	13.52	15.26	16.31	1.36	1.38	1.49	1.85	1.92	2.23

REV. X2  
SCHF-17  
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Page 1 of 1



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