

Surface Mount High Pass Filter

SCHF-300

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
10	55.91	56.00	55.92	0.00	0.01	0.01	0.00	0.01	0.01
20	50.25	50.35	50.41	0.00	0.00	0.00	0.00	0.00	0.00
30	47.24	47.40	47.18	0.00	0.00	0.00	0.01	0.00	0.00
40	45.59	45.51	45.51	0.00	0.00	0.00	0.00	0.00	0.00
50	44.65	44.65	44.49	0.01	0.00	0.00	0.01	0.01	0.01
60	44.47	44.44	44.35	0.00	0.00	0.01	0.00	0.00	0.01
70	44.98	44.91	44.84	0.01	0.00	0.01	0.00	0.00	0.00
80	46.60	46.54	46.47	0.00	0.01	0.01	0.00	0.01	0.01
90	49.76	49.62	49.73	0.01	0.02	0.02	0.01	0.01	0.02
100	56.61	57.18	57.21	0.01	0.02	0.03	0.02	0.02	0.03
110	61.64	61.47	60.42	0.01	0.03	0.04	0.02	0.03	0.03
120	50.21	49.90	49.73	0.02	0.04	0.04	0.02	0.03	0.04
130	45.67	45.67	45.59	0.03	0.04	0.05	0.03	0.05	0.06
140	44.00	43.94	43.92	0.05	0.06	0.07	0.05	0.06	0.07
150	44.84	44.99	45.03	0.06	0.08	0.09	0.06	0.07	0.09
160	53.59	54.13	54.92	0.07	0.09	0.10	0.06	0.09	0.10
170	43.52	43.13	42.54	0.09	0.11	0.12	0.08	0.10	0.12
180	32.79	32.63	32.36	0.11	0.14	0.16	0.11	0.13	0.15
188	27.07	26.99	26.82	0.15	0.18	0.20	0.15	0.17	0.19
192	24.60	24.56	24.41	0.17	0.21	0.23	0.17	0.20	0.21
196	22.34	22.30	22.21	0.20	0.24	0.26	0.20	0.22	0.25
200	20.24	20.23	20.13	0.23	0.28	0.30	0.23	0.26	0.28
210	15.48	15.48	15.46	0.37	0.42	0.45	0.36	0.39	0.42
220	11.38	11.39	11.38	0.65	0.71	0.75	0.64	0.68	0.72
230	7.90	7.91	7.91	1.22	1.30	1.34	1.20	1.26	1.32
240	5.10	5.09	5.10	2.25	2.38	2.45	2.23	2.34	2.41
245	3.97	3.96	3.96	3.01	3.17	3.27	2.97	3.12	3.21
250	3.04	3.02	3.02	3.94	4.14	4.26	3.91	4.09	4.22
260	1.71	1.70	1.70	6.26	6.59	6.82	6.23	6.54	6.77
270	0.97	0.97	0.97	9.05	9.55	9.96	9.03	9.51	9.92
280	0.60	0.61	0.62	12.09	12.77	13.46	12.07	12.77	13.43
290	0.41	0.43	0.45	15.18	16.05	17.11	15.19	16.08	17.14
300	0.30	0.34	0.35	18.16	19.17	20.69	18.19	19.23	20.80
350	0.15	0.21	0.23	26.47	26.17	27.63	27.22	26.77	28.37
400	0.13	0.19	0.21	25.04	23.43	23.44	25.53	23.76	23.57
450	0.12	0.18	0.20	22.76	21.44	20.83	23.05	21.65	20.93
500	0.13	0.18	0.21	21.44	20.70	19.89	21.52	20.79	19.90
550	0.12	0.17	0.21	21.07	20.79	19.94	21.05	20.83	19.93
600	0.11	0.15	0.19	21.13	21.35	20.37	21.06	21.32	20.27
700	0.06	0.11	0.15	22.61	23.46	21.97	22.27	23.05	21.59
800	0.05	0.10	0.14	25.87	27.01	24.67	24.87	25.66	23.75
900	0.05	0.10	0.15	32.09	32.40	28.95	28.34	28.17	26.47
1000	0.07	0.13	0.17	38.40	39.05	34.50	30.13	28.89	28.17
1200	0.08	0.15	0.19	26.25	28.43	29.34	24.54	25.94	26.25
1500	0.14	0.22	0.27	20.23	21.45	22.76	20.13	21.26	22.12
2000	0.26	0.34	0.39	15.12	15.84	17.61	15.29	16.03	17.62
2500	0.13	0.22	0.34	12.35	14.31	15.87	12.35	14.28	15.62
3000	0.13	0.30	0.49	20.14	24.91	33.68	18.58	20.57	20.88
3500	0.70	1.01	1.33	10.36	9.82	9.45	10.64	9.92	9.48
4000	3.29	3.50	3.60	3.55	3.55	3.68	3.53	3.47	3.61
4500	6.74	6.87	6.98	1.95	2.19	2.47	1.83	1.93	2.01
5000	10.97	10.69	10.40	1.16	1.31	1.48	1.68	1.61	1.65
5500	12.07	12.23	12.26	1.09	1.33	1.50	0.49	0.76	1.03
6000	12.13	12.02	11.87	1.09	1.49	1.73	0.29	0.66	1.06

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