

Surface Mount High Pass Filter

JCHP-1200+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURNLOSS (dB)		
	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C	@ -40° C	@ +25° C	@ +85° C
10	75.93	78.56	78.50	0.00	0.00	0.00	0.00	0.00	0.00
50	63.53	63.58	63.75	0.00	0.00	0.00	0.01	0.01	0.01
100	57.89	57.96	58.10	0.00	0.01	0.01	0.02	0.01	0.03
200	52.63	52.79	52.83	0.01	0.03	0.04	0.01	0.03	0.05
300	50.38	50.74	50.93	0.04	0.07	0.08	0.01	0.05	0.08
400	50.31	50.68	51.04	0.06	0.10	0.11	0.01	0.08	0.11
500	52.79	53.25	53.57	0.10	0.14	0.16	0.02	0.11	0.14
600	61.75	62.88	63.50	0.14	0.18	0.21	0.05	0.14	0.18
700	57.13	57.09	56.79	0.17	0.23	0.26	0.07	0.17	0.22
730	53.38	53.31	53.19	0.19	0.24	0.27	0.09	0.19	0.23
800	48.80	48.90	48.80	0.23	0.29	0.32	0.11	0.23	0.27
900	46.03	46.02	46.02	0.30	0.38	0.43	0.18	0.31	0.37
950	44.51	44.24	44.20	0.37	0.46	0.52	0.23	0.37	0.44
1000	39.51	39.28	38.86	0.46	0.57	0.66	0.30	0.47	0.56
1040	32.46	32.05	31.54	0.59	0.73	0.86	0.38	0.58	0.71
1100	19.25	18.78	18.28	1.07	1.34	1.58	0.73	1.02	1.25
1150	8.26	8.04	7.85	3.08	3.79	4.36	2.35	2.95	3.44
1200	2.27	2.54	2.73	13.61	15.16	16.43	10.39	11.17	11.74
1250	1.24	1.53	1.75	21.38	21.55	21.09	17.43	17.44	16.99
1300	0.98	1.25	1.47	19.26	19.10	18.03	17.90	17.60	16.59
1350	0.84	1.12	1.34	18.28	17.55	16.25	17.52	16.83	15.57
1400	0.79	1.08	1.30	16.29	15.35	14.26	15.95	15.17	14.12
1450	0.81	1.10	1.33	14.05	13.18	12.42	13.91	13.23	12.49
1500	0.89	1.18	1.40	11.96	11.41	10.98	11.87	11.51	11.14
1550	0.98	1.27	1.47	10.40	10.09	9.93	10.35	10.18	10.10
1600	1.10	1.35	1.52	9.23	9.16	9.21	9.17	9.24	9.39
1650	1.17	1.42	1.56	8.53	8.56	8.74	8.48	8.64	8.91
1700	1.22	1.45	1.59	8.14	8.25	8.49	8.07	8.34	8.66
1750	1.21	1.43	1.57	8.13	8.19	8.45	8.10	8.27	8.62
1800	1.14	1.38	1.52	8.25	8.36	8.59	8.21	8.46	8.76
1850	1.04	1.29	1.45	8.73	8.77	8.90	8.70	8.85	9.08
1900	0.90	1.17	1.37	9.52	9.40	9.44	9.51	9.52	9.64
1950	0.76	1.04	1.25	10.70	10.37	10.17	10.70	10.48	10.31
2000	0.60	0.91	1.13	12.47	11.68	11.16	12.54	11.82	11.36
2050	0.53	0.80	1.05	14.76	13.44	12.39	14.78	13.65	12.60
2100	0.41	0.70	0.94	18.52	15.88	14.13	18.63	16.19	14.41
2150	0.35	0.63	0.86	24.39	19.39	16.48	25.21	20.04	16.85
2200	0.34	0.59	0.80	34.48	25.46	19.92	34.88	27.19	20.46
2250	0.36	0.59	0.78	24.03	32.90	25.50	23.55	37.66	27.00
2300	0.40	0.61	0.78	19.23	24.45	30.51	18.88	24.29	43.46
2350	0.45	0.65	0.81	16.45	19.70	24.31	16.15	19.40	25.11
2400	0.51	0.71	0.86	14.74	16.95	19.78	14.47	16.70	19.94
2450	0.55	0.77	0.90	13.60	15.15	17.04	13.38	14.94	17.14
2500	0.59	0.82	0.97	12.99	14.05	15.32	12.77	13.86	15.34
2550	0.63	0.90	1.05	12.60	13.29	14.13	12.44	13.13	14.15
2600	0.63	0.92	1.10	12.57	12.92	13.49	12.35	12.72	13.38
2650	0.63	0.95	1.17	12.73	12.80	13.21	12.53	12.60	13.04
2700	0.61	0.95	1.19	13.03	12.99	13.38	12.79	12.76	13.08
2750	0.63	0.96	1.21	13.67	13.58	13.71	13.39	13.28	13.32
2800	0.63	0.94	1.20	14.01	14.43	14.46	13.85	14.01	13.78
2850	0.60	0.92	1.22	15.06	15.91	16.03	14.69	15.24	14.75
2900	0.53	0.91	1.17	16.10	17.81	18.68	15.84	16.77	16.26
2950	0.51	0.87	1.15	17.95	20.92	23.14	17.57	19.04	18.08
3000	0.51	0.86	1.15	20.17	27.36	39.00	20.25	21.74	19.01

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Surface Mount High Pass Filter

JCHP-1200+

Typical Performance Data

FREQ. (MHz)	GROUP DELAY (nsec)		
	@ -40° C	@ +25° C	@ +85° C
1400	1.61	1.57	1.53
1420	1.53	1.50	1.46
1450	1.44	1.40	1.36
1500	1.30	1.26	1.23
1520	1.25	1.21	1.18
1550	1.18	1.15	1.12
1600	1.08	1.06	1.04
1620	1.05	1.03	1.01
1650	1.01	0.99	0.97
1700	0.95	0.93	0.92
1720	0.94	0.91	0.90
1750	0.91	0.89	0.88
1800	0.89	0.86	0.85
1820	0.87	0.85	0.84
1850	0.86	0.84	0.83
1900	0.85	0.83	0.81
1920	0.85	0.83	0.80
1950	0.84	0.82	0.79
2000	0.85	0.82	0.80
2020	0.84	0.81	0.78
2050	0.84	0.81	0.78
2100	0.84	0.81	0.78
2120	0.83	0.80	0.77
2150	0.82	0.80	0.77
2200	0.81	0.79	0.76
2220	0.80	0.78	0.76
2250	0.79	0.77	0.75
2300	0.77	0.76	0.74
2320	0.76	0.75	0.74
2350	0.75	0.75	0.73
2400	0.74	0.73	0.72
2420	0.74	0.72	0.71
2450	0.73	0.71	0.71
2500	0.72	0.71	0.69
2520	0.71	0.70	0.68
2550	0.71	0.69	0.68
2600	0.71	0.68	0.66
2620	0.70	0.68	0.66
2650	0.70	0.67	0.66
2700	0.70	0.67	0.65
2720	0.70	0.68	0.65
2750	0.69	0.67	0.64
2800	0.69	0.68	0.65
2820	0.69	0.68	0.65
2850	0.69	0.68	0.65
2900	0.70	0.67	0.66
2920	0.70	0.67	0.67
2950	0.70	0.69	0.67
3000	0.71	0.70	0.68

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