

SAMPLES FROM OUR DESIGN LIBRARY

Model #	Poles	Passband Data			Stopband (kHz)	db	Spurs dB	IL dB	Ripple dB	Impedance (Ohms)	ua	Op. Temp (C)		Package Size (inches)		
		Fon (MHz)	kHz	@ dB								Low	High	Length	Width	Height
6900	4	8.00	+/-4.50	3.0	+/-25.00	40.0	>30	2.0	2.0	50	>70	-45 to +90	2.39	1.04	0.354	
5008	8	8.00	+/-1.35	3.0	+/-7.00	80.0	>80	6.0	3.0	750	>80	-15 to +65	2.39	1.02	0.750	
5337	6	9.00	+/-18.00	6.0	+/-40.00	60.0	>60	5.0	2.0	50	>60	-30 to +80	2.03	1.00	0.625	
6344	8	9.00	+/-2.50	3.0	+/-6.00	60.0	>90	6.0	2.0	500	>90	-30 to +80	1.42	1.05	0.754	
6569	8	9.00	+/-14.00	3.0	+/-56.00	35.0	>60	5.0	1.0	500	>70	-30 to +80	1.75	0.63	0.230	
5124	8	10.00	+/-16.50	6.0	+/-36.00	60.0	>70	4.0	1.5	6800	>100	-54 to +85	0.745	0.496	0.595	
5386	10	10.00	+/-9.00	6.0	+/-16.50	60.0	>80	4.0	2.0	4500	>100	-54 to +85	0.745	0.496	0.595	
2194	2	10.70	+/-6.50	3.0	+/-30.00	20.0	>15	2.0	1.0	2700	>50	-10 to +60	0.420	0.180	0.520	
2196B	2	10.70	+/-15.00	3.0	+/-70.00	20.0	>10	2.0	1.0	5000	>35	-30 to +80	1.420	1.180	0.520	
1463	4	10.70	+/-6.50	3.0	+/-15.00	30.0	>35	2.0	2.0	3100	>75	-30 to +80	0.590	0.470	0.595	
5580	4	10.70	+/-6.50	3.0	+/-15.00	30.0	>35	2.0	2.0	3100	>75	-30 to +80	0.420	0.780	0.520	
1464	4	10.70	+/-7.50	3.0	+/-17.50	30.0	>35	2.0	2.0	3500	>75	-30 to +80	0.590	0.470	0.595	
5581	4	10.70	+/-7.50	3.0	+/-17.50	30.0	>35	2.0	2.0	3500	>75	-30 to +80	0.420	0.180	0.520	
1465	4	10.70	+/-15.00	3.0	+/-35.00	30.0	>30	2.0	2.0	5000	>60	-30 to +80	0.590	0.470	0.595	
1469	6	10.70	+/-6.50	6.0	+/-19.50	60.0	>60	3.0	2.0	3100	>90	-30 to +80	0.590	0.470	0.595	
1470	6	10.70	+/-7.50	6.0	+/-22.50	60.0	>60	3.0	2.0	3500	>90	-30 to +80	0.590	0.470	0.595	
1473	6	10.70	+/-7.50	6.0	+/-22.50	60.0	>60	3.0	2.0	3500	>90	-30 to +80	1.320	0.630	0.230	
1471	6	10.70	+/-15.00	6.0	+/-45.00	60.0	>60	2.5	2.0	5000	>90	-30 to +75	0.590	0.470	0.595	
5585	6	10.70	+/-15.00	6.0	+/-45.00	60.0	>60	2.5	2.0	5000	>90	-30 to +75	0.420	0.180	0.520	
1475	8	10.70	+/-6.50	6.0	+/-13.00	60.0	>80	4.0	2.0	3100	>100	-30 to +80	0.745	0.496	0.595	
1476B	8	10.70	+/-7.50	6.0	+/-15.00	60.0	>80	4.0	2.0	3500	>100	-30 to +80	0.745	0.496	0.595	
1434	8	10.70	+/-7.50	6.0	+/-15.00	60.0	>80	4.0	2.0	1000	>100	-30 to +75	2.390	1.020	0.520	
7043	10	10.70	+/-15.00	2.0	+/-35.00	39.0	>80	6.0	1.8	4000	>80	-30 to +85	2.370	1.01	1.04	
5347	6	12.00	+/-15.00	6.0	+/-45.00	60.0	>50	2.5	2.0	4600	>90	-30 to +70	0.590	0.470	0.595	
6816	4	15.00	+/-1.00	3.0	+/-19.00	80.0	>60	4.0	1.0	3000	>80	-40 to +85	1.990	0.750	0.485	
7401	4	15.00	+/-18.00	3.0	220.00	60.0	>25	3.0	1.0	50	>60	0 to +70	1.510	0.707	0.625	
7730	4	15.00	+/-18.00	3.0	110.00	50.0	>35	3.0	1.0	50	>70	0 to +70	1.510	0.707	0.625	
7413	6	15.00	+/-2.20	6.0	+/-10.00	60.0	>60	4.0	1.0	360	>60	-55 to +90	1.434	0.660	0.516	
5099	10	17.00	+/-17.50	6.0	+/-29.00	60.0	>80	2.5	2.0	500	>80	-30 to +60	2.39	1.02	1.062	
5411	8	20.00	+/-20.00	6.0	+/-40.00	60.0	>50	4.0	2.0	3000	>80	-55 to +105	1.750	0.630	0.230	
6979	4	20.00	+/-50.40	3.0	272.00	30.0	>30	2.5	1.0	50	>40	-35 to +85	1.75	1.000	0.250	
5021	8	20.00	+/-17.00	6.0	+/-34.00	60.0	>60	4.0	2.0	1800	>90	-40 to +85	2.100	0.765	0.650	
6227	8	20.00	+/-20.00	6.0	+/-40.00	60.0	>80	2.0	2.0	2000	>100	-55 to +105	1.750	0.630	0.230	
7410	8	20.00	+/-20.00	6.0	+/-40.00	60.0	>80	2.0	2.0	3000	>100	-55 to +105	1.750	0.630	0.230	
4731	10	20.00	20.00	6.0	30.00	60.0	>60	6.0	2.0	1800	>90	-40 to +85	2.100	0.765	0.650	
5022	10	20.00	20.00	6.0	30.00	60.0	>60	6.0	2.0	1800	>90	-40 to +85	2.100	0.765	0.650	
2249B	2	21.40	+/-6.50	3.0	+/-30.00	20.0	>15	2.0	1.0	1400	>45	-20 to +80	0.420	0.180	0.520	
2882	2	21.40	+/-15.00	3.0	+/-50.00	15.0	>15	1.5	1.0	3000	>45	-20 to +80	0.300	0.135	0.320	
2251B	2	21.40	+/-15.00	3.0	+/-90.00	20.0	>10	2.0	1.0	3000	>40	-20 to +80	0.420	0.180	0.520	

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Crystal Filters

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		Fon (MHz)	kHz	@ dB								Low	High	Length	Width	Height
1617B	4	21.40	+/-6.50	3.0	+/-22.50	30.0	>40	2.0	2.0	1400	>75	-20 to +80	0.590	0.470	0.595	
1621	4	21.40	+/-7.50	3.0	+/-25.00	30.0	>40	2.0	3.0	1600	>75	-20 to +80	0.890	0.630	0.230	
5591B	4	21.40	+/-15.00	3.0	+/-45.00	30.0	>25	2.0	3.0	3000	>60	-20 to +80	0.420	0.180	0.520	
1619B	4	21.40	+/-15.00	3.0	+/-45.00	30.0	>25	2.0	3.0	3000	>60	-20 to +80	0.590	0.470	0.595	
7105	6	21.40	8.00	3.0	+/-14.00	60.0	>80	3.0	1.0	50	>80	-20 to +85	1.010	0.310	0.500	
1623B	6	21.40	+/-6.50	6.0	+/-22.50	60.0	>70	3.0	2.0	1400	>90	-20 to +80	0.590	0.470	0.595	
1626	6	21.40	+/-6.50	6.0	+/-22.50	60.0	>70	3.0	2.0	1400	>90	-20 to +80	1.320	0.630	0.230	
6644	6	21.40	+/-7.50	3.0	+/-17.50	45.0	>70	3.0	2.0	1500	>90	-20 to +70	0.990	0.470	0.165	
6645	6	21.40	+/-7.50	3.0	+/-17.50	45.0	>70	3.0	2.0	1500	>90	-20 to +70	0.300	0.135	0.320	
5593	6	21.40	+/-7.50	6.0	25.00	60.0	>70	3.0	2.0	1600	>90	-20 to +80	0.420	0.180	0.450	
7718	6	21.40	25.00	3.0	+/-45.00	60.0	>60	3.0	1.5	50	>60	-55 to +85	1.750	0.230	0.630	
1625B	6	21.40	+/-15.00	6.0	+/-45.00	60.0	>50	3.0	2.0	3000	>90	-20 to +80	0.590	0.470	0.595	
6019	6	21.40	+/-15.00	6.0	+/-45.00	60.0	>50	3.5	2.0	3000	>90	-20 to +70	0.433	0.335	0.453	
7131	6	21.40	+/-37.50	1.0	+/-135.00	60.0	>70	5.0	1.0	50	>90	-20 to +85	1.800	0.600	0.520	
7278	6	21.40	+/-34.00	3.0	+/-110.00	70.0	>70	3.5	1.5	50	>70	-55 to +80	1.790	0.807	0.450	
7498	6	21.40	+/-50.00	3.0	+/-135.00	60.0	>50	8.0	1.5	50	>70	-10 to +55	2.390	1.020	1.070	
7223	8	21.40	+/-6.00	3.0	+/-15.00	60.0	>60	6.0	1.0	50	>70	0 to +70	1.800	0.650	0.500	
1632	8	21.40	+/-6.50	6.0	+/-17.50	60.0	>100	3.0	2.0	1400	>100	-30 to +80	1.750	0.630	0.230	
1629B	8	21.40	+/-6.50	6.0	+/-17.50	60.0	>100	3.0	2.0	1400	>100	-30 to +80	0.745	0.496	0.595	
7182	8	21.40	16.00	3.0	+/-30.00	80.0	>80	6.0	1.5	450	>80	0 to +70	2.140	1.020	0.520	
1634	8	21.40	+/-15.00	6.0	+/-33.00	60.0	>80	3.0	2.0	3000	>100	-30 to +80	1.750	0.630	0.230	
5145	8	21.40	+/-20.00	6.0	+/-40.00	60.0	>60	4.0	2.0	3500	>60	-20 to +70	0.745	0.496	0.595	
7432	8	21.40	+/-125.00	1.0	+/-275.00	45.0	>45	10.0	1.5	50	>50	-25 to +70	1.250	0.900	0.400	
7291	6	30.00	+/-0.50	3.0	+/-50.00	60.0	>40	5.0	1.0	50	>60	0 to +60	2.380	1.000	0.750	
6174	6	30.00	+/-7.50	6.0	+/-24.00	60.0	>60	3.5	1.0	750	>80	-40 to +75	0.590	0.470	0.595	
5605	6	30.00	+/-13.00	3.0	+/-44.00	60.0	>60	5.0	2.0	1100	>60	-10 to +65	1.320	0.230	0.630	
6294	8	30.00	+/-5.50	1.0	+/-15.00	60.0	>60	4.0	1.0	50	>70	-55 to +90	2.000	0.800	0.500	
7763	8	30.00	+/-12.50	6.0	+/-25.00	60.0	>80	3.0	2.0	1450	>80	-40 to +85	0.310	0.135	0.315	
7467	8	30.00	+/-18.00	6.0	+/-50.00	80.0	>70	3.0	1.0	50	>80	-55 to +100	1.180	0.748	0.512	
7814	8	30.00	+/-35.00	3.0	+/-72.00	60.0	>50	4.0	1.0	2900	>80	-40 to +75	1.765	0.135	0.321	
7535	8	30.00	+/-35.00	6.0	140.00	60.0	>60	5.0	1.5	2250	>60	-55 to +105	1.760	0.760	0.400	
7040	8	30.00	+/-36.00	3.0	+/-70.00	60.0	>60	5.0	1.5	2250	>60	-55 to +105	1.760	0.760	0.400	
5544	8	30.00	+/-5.50	6.0	+/-15.00	60.0	>60	4.0	1.0	50	>70	-55 to +90	2.000	0.800	0.500	
5239	10	30.00	+/-11.00	6.0	+/-21.00	60.0	>60	5.0	2.0	50	>60	-55 to +85	1.750	0.625	0.440	
1937	10	30.00	+/-10.00	6.0	+/-21.00	60.0	>60	5.0	2.0	50	>60	-55 to +85	1.750	0.625	0.440	
7285	4	40.00	+/-0.50	3.0	+/-50.00	60.0	>25	4.0	1.0	50	>60	0 to +60	2.390	1.020	0.600	
2843	2	45.00	+/-6.50	3.0	+/-50.00	60.0	>15	1.5	0.5	2300	>60	-30 to +80	0.300	0.135	0.320	
2844B	2	45.00	+/-7.50	3.0	+/-50.00	60.0	>13	2.0	0.5	2600	>60	-30 to +80	0.300	0.135	0.320	

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MtronPTI reserves the right to make changes to the product(s) and service(s) described herein without notice. No liability is assumed as a result of their use or application.

Please see www.mtronpti.com for our complete offering and detailed datasheets. Contact us for your application specific requirements: MtronPTI 1-800-762-8800.



Crystal Filters

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Model #	Poles	Passband Data			Stopband (kHz)	db	Spurs dB	IL dB	Ripple dB	Impedance (Ohms)	ua	Op. Temp (C)		Package Size (inches)		
		Fon (MHz)	kHz	@ dB								Low	High	Length	Width	Height
5908	2	45.00	30.00	3.0	+/-60.00	20.0	>12	4.5	0.5	50	>25	-30 to +85	0.930	0.510	0.765	
7270	4	45.00	+/-5.00	3.0	+/-12.50	20.0	>40	2.5	1.0	2900	>40	-40 to +85	0.420	0.180	0.520	
5119	4	45.00	+/-7.50	3.0	+/-50.00	50.0	>35	6.0	2.0	7000	>60	-10 to +65	0.590	0.470	0.595	
6437	4	45.00	+/-15.00	3.0	+/-60.00	70.0	>15	3.0	1.0	1600	>75	-30 to +80	0.310	0.135	0.315	
7546	4	45.00	+/-50.00	3.0	+/-450.00	50.0	>50	5.0	1.0	50	>60	-40 to +70	2.390	1.000	0.610	
3194	2	50.00	+/-50.00	3.0	+/-275.00	30.0	>22	2.0	0.5	1600	>40	-20 to +70	0.300	0.135	0.320	
5889	4	50.00	+/-7.50	3.0	+/-50.00	50.0	>40	6.0	1.5	50	>50	-30 to +60	0.930	0.510	0.765	
2264	2	60.00	+/-7.00	3.0	+/-70.00	20.0	>20	4.5	0.5	3000	>40	-35 to +85	0.420	0.180	0.520	
7286	4	60.00	+/-0.50	3.0	+/-50.00	60.0	>40	8.0	1.0	50	>60	0 to +60	2.370	1.000	0.750	
7143	6	60.00	250.00	3.0	500.00	30.0	>25	6.0	1.0	50	>35	-55 to +85	2.390	1.020	0.520	
7071	2	70.00	+/-35.00	3.0	+/-400.00	30.0	>15	6.0	1.0	50	>40	-55 to +85	0.800	0.550	0.440	
7423	2	70.00	+/-40.00	3.0	+/-490.00	30.0	>15	5.0	1.5	50	>40	-55 to +85	1.750	0.625	0.440	
7157	2	70.00	+/-42.50	3.0	+/-130.00	20.0	>15	5.0	1.0	50	>30	-50 to +90	1.400	0.480	0.450	
5291	2	70.00	+/-4.00	1.0	+/-90.00	35.0	>12	3.5	1.0	50	>40	-50 to +85	0.930	0.510	0.770	
5688	4	70.00	+/-13.00	3.0	+/-80.00	40.0	>40	5.0	1.0	50	>55	-20 to +70	2.530	0.555	0.625	
7820	4	70.00	+/-7.50	3.0	+/-30.00	40.0	>70	5.0	1.0	50	>70	-30 to +80	1.030	0.650	0.490	
7874	4	70.00	+/-12.50	3.0	+/-200.00	60.0	>20	6.0	1.5	50	>60	0 to +70	1.430	0.874	0.394	
6106	4	70.00	+/-13.00	6.0	+/-150.00	60.0	>30	6.0	1.0	50	>60	0 to +70	0.930	0.510	0.630	
8322	4	70.00	+/-21.00	3.0	+/-300.00	40.0	>30	5.0	1.0	50	>40	-40 to +70	1.760	1.250	0.400	
8215	6	70.00	+/-15.00	2.0	+/-50.00	50.0	>50	8.0	1.0	50	>50	-40 to +70	1.740	0.890	0.400	
4007	2	75.00	+/-16.00	6.0	+/-300.00	60.0	>25	6.0	2.0	4000	>60	-30 to +80	0.420	0.180	0.520	
1931	4	75.00	+/-5.00	3.0	+/-75.00	50.0	>50	5.0	2.0	50	>50	-50 to +85	0.930	0.510	0.650	
5842	4	75.00	+/-7.50	2.0	+/-100.00	60.0	>25	5.5	2.0	50	>60	-55 to +85	1.930	0.760	0.765	
1580	4	75.00	+/-11.00	6.0	+/-300.00	60.0	>60	6.0	2.5	50	>70	-46 to +75	1.070	0.700	0.500	
5539	4	75.00	+/-13.00	6.0	+/-300.00	60.0	>30	6.0	2.0	50	>60	-40 to +80	0.930	0.505	0.765	
5822	4	75.00	+/-13.00	6.0	+/-400.00	65.0	>65	6.0	2.0	50	>65	-55 to +85	0.930	0.510	0.765	
1440	4	75.00	+/-13.00	6.0	+/-400.00	60.0	>60	6.0	1.5	50	>65	-55 to +85	2.000	1.010	0.750	
7326	4	75.00	+/-16.00	6.0	+/-100.00	60.0	>60	6.0	1.0	50	>60	-40 to +85	1.160	0.660	0.310	
7400	4	75.00	+/-25.00	3.0	+/-200.00	50.0	>50	6.0	1.5	50	>50	-10 to +50	1.953	0.590	0.500	
6260	4	75.00	45.00	6.0	240.00	60.0	>60	6.0	2.0	2550	>80	-55 to +105	1.953	0.594	0.500	
7197	4	75.00	+/-18.00	2.0	+/-200.00	63.0	>25	6.0	2.0	1800	>65	-55 to +85	2.000	1.000	0.750	
7290	4	75.00	+/-0.50	3.0	+/-50.00	60.0	>25	8.0	0.5	2250	>60	0 to +60	2.390	1.020	0.600	
7466	6	75.00	+/-10.00	3.0	+/-50.00	60.0	>25	8.0	0.5		>60	0 to +60	2.300	0.675	0.550	
5395	2	100.00	+/-10.00	3.0	+/-20.00	12.0	>15	6.0	1.5	50	>30	-55 to +70	0.930	0.505	0.765	
7524	2	100.00	+/-10.00	3.0	+/-100.00	25.0	>25	4.5	0.0	50	N/A	-55 to +80	2.390	1.020	1.070	
3185	2	150.00	+/-6.75	3.0	+/-60.00	20.0	>15	4.0	1.0	50	>30	-40 to +70	0.300	0.135	0.320	
2746	2	160.00	+/-9.00	3.0	N/A	N/A	>20	3.0	1.0	2300	>35	0 to +75	0.420	0.180	0.520	

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Please see www.mtronpti.com for our complete offering and detailed datasheets. Contact us for your application specific requirements: MtronPTI 1-800-762-8800.