

## 70Mhz SAW Filter Comparison Data(C-TECH vs SAWTEK)

No.	Data	Company	MPN	C.F	1dB (B.W)		3dB (B.W)		40dB (B.W)		I.L		Ripple (Typ)	G.D.V (Typ)	A.D (Typ)	PKG
					Min	Typ	Min	Typ	Typ	Max	Typ	Max				
1	Q	C-TECH	70m_0.5b_c110	70	-	0.34	0.5	0.57	1.63	2.00	1.63	2.00	0.65	130	1.66	13*6.5
		SAWTEK	854651	70	0.35	0.37	0.5	0.55	1.28(35)	1.40(35)	1.28(35)	1.40(35)	0.7	330	2	19*6.5
2	Q	C-TECH	Need to design													
		SAWTEK	854652	70	0.7	0.8	1	1.1	2.8	3	7.3	8	0.7	375	2.1	19*6.5
3	Q	C-TECH	511254	70	1	1.18	1.5	1.6	3.13	3.4	7.5	9	0.65	250	2.3	19*6.5
		SAWTEK	854653	70	0.83	1.04	1.5	1.52	3.2	3.5	7.5	8.25	0.85	340	2.2	19*6.5
4	Q	C-TECH	511244	70	-	1.84	2	2.28	3.6	3.8	8	10	0.5	80	2.3	19*6.5
		SAWTEK	854654	70	1.3	1.7	2	2.1	3.85	4.25	7.85	8.25	0.6	250	2.19	19*6.5
5	Q	C-TECH	511224	70	2	2.23	2.5	2.75	4.4	4.7	9	10	0.65	200	2.1	19*6.5
		SAWTEK	854655	70	2	2.2	2.5	2.59	4.6	5.1	8.75	9.25	0.65	240	2.22	19*6.5
6	Q	C-TECH	511896_v1	70	-	2.9	3	3.45	5.6	6	11.6	13	0.3	60	1.23	13*6.5
		SAWTEK	854656	70	2.3	2.6	3	3.5	6.9	7.3	6.95	7.5	0.65	115	0.94	13*6.5
7	Q	C-TECH	511586	70	-	3.05	3.5	3.78	6.9	7.5	7.5	8.5	0.75	150	0.96	13*6.5
		C-TECH	70m_3.8b_v130	70	-	3.24	3.5	4	7.42	8	7.5	8.5	0.75	150	1	13*6.5
		SAWTEK	854657	70	2.85	3.25	3.5	3.8	7.2	7.75	7.25	7.7	0.8	125	0.96	13*6.5
8	Q	C-TECH	70m_4.4b_c410	70	-	3.36	4.1	4.29	7.86	8.5	9	11	0.85	80	0.96	13*6.5
		SAWTEK	854658	70	3.4	3.55	4	4.45	8.25	9.1	6.8	7.5	0.7	90	0.95	13*6.5
9	Q	C-TECH	511416	70	-	3.94	4.5	4.64	7.86	8.5	8.5	10	0.85	120	0.91	13*6.5
		SAWTEK	854659	70	3.8	4.2	4.5	4.9	8.5	9.75	6.8	7.5	0.6	115	0.95	13*6.5
10	Q	C-TECH	511096	70	-	4.69	5	5.34	8.16	9	9.86	11	0.5	100	1.12	13*6.5
		SAWTEK	854660	70	4.35	4.45	5	5.35	9.35	10.25	7.25	8	0.6	90	0.96	13*6.5
11	Q	C-TECH	511616	70	5.1	5.47	6	6.44	9.85	10.5	8.8	10.5	0.6	-	1	13*6.5
		SAWTEK	854661	70	5.1	5.35	6	6.35	10.2	10.65	7.5	8.5	0.7	95	1.01	13*6.5
12	Q	C-TECH	511076	70	6.5	6.7	7	7.38	10.19	10.5	10	12	0.55	80	1.1	13*6.5
		SAWTEK	854662	70	6.2	6.4	7	7.4	11.55	11.95	8.5	9.5	0.65	55	1.03	13*6.5
13	Q	C-TECH	511406	70	-	7.96	8	8.67	12.12	13	9	10	0.55	70	1.01	13*6.5
		SAWTEK	854663	70	7.35	7.6	8	8.4	13.25	14.25	9	10	0.9	75	1.05	13*6.5
14	Q	C-TECH	Need to design													

14	Q	SAWTEK	854664	70	8.4	8.6	9	9.4	13.9	14.5	9.75	10.5	0.8	70	1.05	13*6.5
15	Q	C-TECH	511696	70	-	9.36	10	10.21	13.76	15	10.7	12	0.4	40	1.02	13*6.5
		SAWTEK	854665	70	9.35	9.55	10	10.45	15	15.7	10	11	0.7	70	1.05	13*6.5
16	Q	C-TECH	511156	70	11	11.67	12	12.66	17.2	8	11.5	13	0.55	50	1.1	13*6.5
		SAWTEK	854666	70	11.45	11.65	12	12.5	17.35	18.25	11.5	12.5	0.6	70	1.08	13*6.5
17	Q	C-TECH	Need to design													
		SAWTEK	854667	70	13.35	13.55	14	14.45	19.5	20.25	12.5	13	0.7	65	1.07	13*6.5
18	Q	C-TECH	511456	70	-	16.24	16	16.92	20.53	21.5	12.5	14	0.65	50	1.07	13*6.5
		SAWTEK	854668	70	15.2	15.52	16	16.5	21.4	22	12.5	13.5	0.72	70	1.07	13*6.5
19	Q	C-TECH	Need to design													
		SAWTEK	854669	70	17.25	17.55	18	18.5	23.4	24.1	13.5	14.5	0.7	70	1.07	13*6.5
20	Q	C-TECH	70m_18.4b_v196	70	19	19.49	19.8	20.04	2.84	23.5	12.5	14	0.6	72	1.19	13*6.5
		SAWTEK	854670	70	18.9	19.3	20	20.35	25.4	26.1	14.5	15	0.7	65	1.12	13*6.5
21	Q	C-TECH	511086	70	20.3	20.7	21.5	21.97	26.59	27	14.6	17	0.65	50	1.1	13*6.5
		SAWTEK	854671	70	20.3	21.1	22	22.3	27.35	28	15	16	0.9	65	1.12	13*6.5
22	Q	C-TECH	Need to design													
		SAWTEK	854672	70	22.9	23.4	24	24.45	29.65	30.5	16.25	17	0.7	65	1.14	13*6.5
23	Q	C-TECH	511326	70	24.8	25.1	25.8	26.06	30.8	32	16.5	17.5	0.5	50	1.03	13*6.5
		SAWTEK	854673	70	24.8	25.25	26	26.4	32	32.6	17	17.5	0.8	65	1.16	13*6.5
24	Q	C-TECH	511666	70	-	27.8	28.5	28.75	33.6	34.5	17.5	20	0.55	50	1.05	13*6.5
		SAWTEK	854674	70	27.2	27.5	28	28.5	33.75	34.65	17.6	18	0.85	75	1.17	13*6.5
25	Q	C-TECH	Need to design													
		SAWTEK	854675	70	28.75	29.15	30	30.3	37	38.1	17.5	18.5	0.8	50	1.07	13*6.5
26	Q	C-TECH	511376	70	-	35.23	36	36.41	42.25	43	18.4	21	0.5	30	0.86	13*6.5
		SAWTEK	854678	70	35.1	35.7	36	36.2	43.3	45	20.2	21.5	1.25	52	1.08	13*6.5
27	Q	C-TECH	511476	70	-	39.38	40	40.75	46.59	47.5	20.5	22	0.55	30	0.81	13*6.5
		SAWTEK	854680	70	39.4	39.6	40	40.35	47.25	48.25	21.5	22	1.1	50	1.08	13*6.5
28	Q	C-TECH	511174	70	0.18	0.22	0.3	0.37	0.88	1	7	9	0.55	200	2.4	19*6.5
		SAWTEK	855735	70	0.13	0.2	0.26	0.32	0.9	1	16.36	20	0.84	250	3.19	24.7*9
29	Q	C-TECH	70m_0.75b_v110	70	-	0.62	0.7	0.79	1.57	1.8	16.5	18	0.35	165	2.18	24.7*9
		SAWTEK	855736	70	0.31	0.41	0.62	0.7	1.63	1.67	21.3	22	1.2	100	-	24.7*9
30	Q	C-TECH	511299	70	-	1.09	1.23	1.29	2.04	2.3	22	23.5	0.55	150	-	24.7*9

30	Q	SAWTEK	855737	70	0.92	1.03	1.18	1.25	2.11	2.18	22.2	23	0.55	100	-	24.7*9
31	Q	C-TECH	Need to design													24.7*9
		SAWTEK	855738	70	1.3	1.4	1.56	1.63	2.52	2.58	21.6	23	0.64	97	-	24.7*9
32	Q	C-TECH	Need to design													
		SAWTEK	855739	70	1.74	2	2.12	2.2	3.4	3.58	23	24.25	0.6	70	2.3	19*6.5
33	Q	C-TECH	511224	70	2	2.23	2.5	2.75	4.4	4.7	9	10	0.65	200	2.1	19*6.5
		SAWTEK	855740	70	2.2	2.4	2.5	2.7	3.96	4.3	20.25	21.25	0.7	90	-	19*6.5
34	Q	C-TECH	Need to design													
		SAWTEK	855741	70	2.56	2.84	2.96	3.14	4.28	4.46	23	25	0.4	72	2.03	19*6.5
35	Q	C-TECH	Need to design	70												
		SAWTEK	855743	70	3.8	4	4.26	4.4	5.6	6	23	24	0.5	70	2.4	19*6.5