



Electronic Parts and Components

SAW DEVICE SELECTION TABLE

for

Resonators and Front End Filters

(Remote Control for Keyless Entry, Security and Alarm Systems)

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One Port Resonators

Center Frequency MHz	Type		Frequency Tolerance kHz	Frequency Tolerance ppm	Insertion Attenuation dB	Package
239,75	R 688	o	±100	±417	0,7	TO39 B1
303,33	R 726	S	±85	±280	1,7	QCC8C
303,83	R 718		±85	±280	1,6	QCC8C
304,25	R 719	o	±75	±250	1,7	QCC8C
304,30	R 712		±75	±250	1,7	QCC8C
308,50	R 674	o	±75	±240	2,2	TO39 B1
314,50	R 676	o	-85/+100	-270/+320	1,5	TO39 B1
314,50	R 706		-85/+100	-270/+320	1,5	QCC8C
315,00	R 686	o	±200	±635	1,5	TO39 B1
315,00	R 677	o	±85	±270	1,5	TO39 B1
315,00	R 705		±85	±270	1,5	QCC8C
345,00	R 728	S	±70	±203	1,2	QCC8C
385,74	R 729	o	±175	±454	1,0	QCC8C
390,00	R 673	o	±250	±640	1,2	TO39 B1
392,85	R 711	o	±75	±190	1,4	QCC8C
403,05	R 710		-75/+100	-185/+250	1,4	QCC8C
403,55	R 709		±75	±185	1,4	QCC8C
407,30	R 689	o	±75	±184	1,0	TO39 B1

cont.



One Port Resonators (cont.)

417,50	R 678	o	-75/+100	-180/+240	1,6	TO39	B1
418,00	R 690	o	±75	±179	1,1	TO39	B1
418,00	R 703		±75	±180	1,6	QCC8C	
423,22	R 667	o	±75	±177	1,2	TO39	B1
423,22	R 714		±75	±177	1,2	QCC8C	
432,92	R 717		±75	±173	1,2	QCC8C	
433,32	R 715	o	±75	±173	1,4	QCC8C	
433,42	R 671	o	-75/+100	-173/+230	1,2	TO39	B1
433,42	R 708		-75/+100	-173/+230	1,2	QCC8C	
433,92	R 670	o	±75	±173	1,1	TO39	B1
433,92	R 707		±75	±173	1,2	QCC8C	
433,92	R 727		±75	±173	1,0	QCC8C	
434,42	R 723		±75	±173	1,2	QCC8C	
434,52	R 716	o	±75	±173	1,4	QCC8C	
444,50	R 680	o	±75	±168	1,1	TO39	B1
479,50	R 684	o	±150	±310	1,9	TO39	B1

s: samples available (not yet in production)
o: obsolete (not for new designs)



Two Port Resonators

Center Frequency MHz	Type		Frequency Tolerance kHz	Frequency Tolerance ppm	Insertion Attenuation dB	Package	
224,50	R2523	o	±50	±220	8,5	TO39	B1
303,83	R2707		±75	±250	8,5	QCC8C	
303,88	R2534	o	±100	±330	6,5	TO39	B1
311,063	R2710	S	±100	±320	8,7	QCC8C	
315,00	R2704		±100	±310	9,4	QCC8C	
315,05	R2622	o	±100	±310	5,5	TO39	B1
384,05	R2638	o	±100	±260	8,0	TO39	B1
384,05	R2708	s	±100	±260	7,2	QCC8C	
402,55	R2619	o	±100	±250	7,1	TO39	B1
403,55	R2705		±120	±300	7,7	QCC8C	
414,25	R2620	o	±100	±240	7,0	TO39	B1
418,00	R2528	o	±80	±190	7,5	TO39	B1
418,05	R2702		±75	±180	9,2	QCC8C	
418,05	R2630	o	±80	±190	8,3	TO39	B1
423,22	R2531	o	±75	±180	7,3	TO39	B1
433,42	R2703	o	±100	±230	9,2	QCC8C	
433,92	R2632	o	±75	±175	7,8	TO39	B1
433,92	R2701		±75	±175	9,2	QCC8C	
434,02	R2661	o	±75	±175	7,8	TO39	B1
434,32	R2633	o	±100	±230	7,5	TO39	B1
437,03	R2672	o	±75	±170	7,5	TO39	B1
447,73	R2666	o	±75	±170	7,2	TO39	B1
479,50	R2663	o	±120	±250	7,7	TO39	B1
868,30	R2709		±200	±230	7,0	QCC8C	
913,50	R2631	o	±460	±500	13,0	TO39	B1
915,00	R2706		±350	±219	7,0	QCC8C	

s: samples available (not yet in production)
o: obsolete (not for new designs)



Front End Filters for Remote Control Applications

Center Frequency MHz	Type		3 dB Bandwidth MHz	Usable Bandwidth MHz	Insertion Attenuation dB	Package	Features
303,80	B3553		0,82	0,36	3,0	QCC8C	high temperature stability
310,00	B3565	S	9,4	3,6	1,5	QCC8C	50 Ohm
313,50	B3566		10	4,0	2,3	QCC8B	50 Ohm, small package
315,00	B3531	o	0,70	0,34	2,5	TO39 B1	high temperature stability
315,00	B3551		0,90	0,43	3,0	QCC8C	high temperature stability
315,00	B3576	S	0,47	0,20	3,3	QCC8C	high temperature stability, external coupling coil, high ultimate rejection
315,00	B3581		4,6	1,0	2,7	QCC8B	50 Ohm, small package
345,00	B3559		0,60	0,20	2,0	QCC8C	high temperature stability
345,00	B3582	o	5,2	0,80	2,3	QCC8C	50 Ohm
345,00	B3583	s	5,0	0,80	2,5	QCC8B	50 Ohm
403,55	B3556		0,85	0,44	2,8	QCC8C	high temperature stability
418,00	B3542	o	0,70	0,24	2,0	TO39 B1	high temperature stability
418,00	B3552		0,70	0,34	2,0	QCC8C	high temperature stability
424,825	B3562		0,61	0,29	3,5	QCC8C	high temperature stability, external coupling coil, high ultimate rejection
433,42	B3567		0,50	0,22	3,3	QCC8C	high temperature stability, external coupling coil, high ultimate rejection
433,92	B3540	o	0,70	0,30	2,5	TO39 B1	high temperature stability
433,92	B3555		0,86	0,49	2,8	QCC8C	high temperature stability
433,92	B3550		0,70	0,36	2,5	QCC8C	high temperature stability
433,92	B3564		5,6	1,71	3,0	QCC8C	50 Ohm
433,92	B3575	S	0,60	0,22	3,4	QCC8C	high temperature stability, external coupling coil, high ultimate rejection

cont.



Front End Filters for Remote Control Applications

Center Frequency MHz	Type	3 dB Bandwidth MHz	Usable Bandwidth MHz	Insertion Attenuation dB	Package	Features
434,42	B3557	0,70	0,36	2,8	QCC8C	high temperature stability
447,77	B3554	0,73	0,24	2,5	QCC8C	high temperature stability
449,10	B3558	0,50	0,27	2,2	QCC8C	high temperature stability
864,00	B3563	10	3,0	4,0	DCC6C	50 Ohm, small package
868,30	B3570	1,6	0,60	2,7	QCC8C	high temperature stability
868,60	B3571	2,2	1,2	3,1	QCC8C	high temperature stability
868,95	B3572	1,6	0,50	2,7	QCC8C	high temperature stability
869,00	B3568	10	2,0	4,0	DCC6C	50 Ohm, small package
869,60	B3573	1,8	0,80	2,8	QCC8C	high temperature stability
914,50	B3569	23	8,0	3,0	QCC8B	50 Ohm, small package

- s: samples available (not yet in production)
o: obsolete (not for new designs)