

Custom Military SAW Filters

Part Number	Center Frequency (MHz)	Passband Width (MHz)	Passband Attenuation (dB)	Rejection Bandwidth (MHz)	Rejection Level (dB)	Ultimate Rejection (dB)	Amplitude Ripple (dB p-p)	Group Delay Ripple (nsec p-p)	Phase Linearity (deg p-p)	Insertion Loss (dB)	Substrate Material	Internal Impedance Matching	Package Style
851041	10.700	0.500	6.0	1.200	55	55	0.50	NS	10.0	20.0	Q	No	Custom
854190	21.400	1.800	3.0	3.260	35	35	1.00	195	NS	25.0	LT	No	T
851239	25.000	0.300	3.0	1.600	50	50	NS	NS	NS	21.0	Q	Yes	Q
851645	30.000	7.000	1.0	9.750	50	55	1.00	NS	5.0	30.0	128	Yes	R
851489	44.375	0.220	1.5	0.750	40	40	0.50	600	NS	10.0	Q	Yes	V
851490	44.375	0.443	1.5	1.500	40	40	0.50	500	NS	12.0	Q	Yes	T
850880	60.000	0.570	3.0	1.500	40	40	1.00	NS	NS	23.5	Q	Yes	Q
850881	60.000	2.430	3.0	4.500	40	40	1.00	NS	NS	24.5	Q	Yes	Q
851386	60.000	8.400	3.0	12.600	60	60	0.50	NS	1.0	34.0	YZ	Yes	Q
851189	68.256	2.900	3.0	5.600	35	35	0.50	NS	4.0	36.0	Q	Yes	Q
851191	68.256	3.700	3.0	7.000	35	35	0.50	NS	4.0	36.0	Q	Yes	Q
851185	69.120	1.450	3.0	2.950	35	35	0.50	NS	4.0	36.0	Q	Yes	Q
851187	69.120	1.850	3.0	3.400	35	35	0.50	NS	4.0	36.0	Q	Yes	Q
851184	70.848	1.450	3.0	2.950	35	35	0.50	NS	4.0	36.0	Q	Yes	Q
851186	70.848	1.850	3.0	3.400	35	35	0.50	NS	4.0	36.0	Q	Yes	Q
854264	71.000	0.140	3.0	0.640	60	60	1.00	NS	6.0	16.0	Q	Yes	T
851188	71.712	2.900	3.0	5.600	35	35	0.50	NS	4.0	36.0	Q	Yes	Q
851190	71.712	3.700	3.0	7.000	35	35	0.50	NS	4.0	36.0	Q	Yes	Q
854230	80.000	8.000	3.0	11.480	40	55	0.50	NS	4.0	26.0	YZ	No	I
851496	126.875	1.875	1.0	3.713	40	40	1.00	200	NS	13.5	Q	Yes	Flatpack
851418	150.000	0.450	3.0	1.850	50	50	1.00	NS	1.0	30.0	Q	Yes	R
851417	150.000	0.900	3.0	3.630	50	50	1.00	NS	1.2	32.5	Q	Yes	R
851419	150.000	5.400	3.0	22.200	50	50	1.00	NS	0.8	33.0	Q	Yes	R
851696	171.800	1.850	1.0	7.500	35	50	0.50	120	6.0	20.0	Q	No	Flatpack
851587	173.910	1.700	3.0	6.000	48	48	1.00	NS	6.0	22.0	Q	Yes	P
851588	173.910	18.000	3.0	45.000	48	48	1.00	NS	6.0	22.0	YZ	Yes	J
851238	193.000	2.000	3.0	3.000	50	50	1.00	NS	NS	19.0	Q	Yes	Q
854180	225.280	7.000	3.0	10.200	50	50	0.50	NS	6.0	27.0	Q	Yes	Flatpack
851797	230.000	5.000	3.0	15.000	40	50	1.00	NS	6.0	25.0	Q	Yes	Flatpack
854029	247.000	0.900	1.0	3.000	40	40	1.00	NS	NS	12.0	Q	Yes	Flatpack
854068	248.500	1.700	1.5	5.000	40	45	0.25	40	6.0	10.0	Q	Yes	O
850830-1	261.000	0.300	3.0	1.600	40	40	NS	NS	NS	8.0	Q	No	P
854140	269.750	3.500	0.5	4.500	40	40	0.50	1500	NS	30.0	Q	Yes	Custom
854195	273.000	3.000	3.0	8.000	35	50	NS	NS	12.0	10.0	Q	No	F
854141	273.250	3.500	0.5	4.500	40	40	0.50	1500	NS	30.0	Q	Yes	Custom
854142	276.750	3.500	0.5	4.500	40	40	0.50	1500	NS	30.0	Q	Yes	Custom
854143	280.750	4.500	0.5	5.500	40	40	0.50	1500	NS	30.0	Q	Yes	Custom
854144	284.750	3.500	0.5	4.500	40	40	0.50	1500	NS	30.0	Q	Yes	Custom
854145	288.250	3.500	0.5	4.500	40	40	0.50	1500	NS	30.0	Q	Yes	Custom
854146	291.750	3.500	0.5	4.500	40	40	0.50	1500	NS	30.0	Q	Yes	Custom
854147	295.250	3.500	0.5	4.500	40	40	0.50	1500	NS	30.0	Q	Yes	Custom
851429	300.000	12.000	1.0	16.000	50	50	1.00	NS	10.0	30.0	LT	Yes	I
851648	314.000	1.000	1.6	19.000	50	50	0.60	NS	NS	25.0	Q	Yes	Flatpack
851745	400.000	1.000	3.0	2.600	40	40	0.50	NS	NS	12.0	Q	Yes	J
854175	400.000	1.081	3.0	4.000	30	30	0.50	NS	20.0	19.0	Q	Yes	J
851776	400.000	1.950	3.0	4.290	40	40	0.50	NS	NS	12.0	Q	Yes	J
851777	400.000	2.850	3.0	6.270	40	40	0.50	NS	NS	13.0	Q	Yes	J
851586	400.000	10.000	3.0	25.000	40	45	0.50	NS	NS	8.4	LT	Yes	P

Code: NS = Not specified

Q = Quartz

LT = Lithium Tantalate

YZ = YZ Lithium Niobate

128 = 128° Lithium Niobate

To the best of our knowledge, this information was correct at the time of printing. Sawtek reserves the right to modify these specifications when necessary to provide optimum performance and cost.

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