

SAW FILTERS (70 MHz)



FILTRONETICS, INC

Model Number	Center Frequency	Pass Band (1)		Pass Band (2)		Stopband		Ripple	Loss	Group Delay Variation	Absolute Delay	Ultimate Attenuation	Terminating Impedance	Case
	(MHz)	(dB)	(MHz)	(dB)	(MHz)	(dB)	(MHz)	(dB)	(dB)	(nSec)	(uSec)	(dB)		
SF070011A	70.0	1	0.80	3	1.10	40	1.88	1.0	35.0	200	2.98	38	50	D2713A
SF070014A	70.0	1	0.8 TYP	3	1.45	40	3.65	0.6	4.5	-	-	40	50	D2213A
SF070020A	70.0	1	1.60	3	2.00	40	3.50	1.0	20.0	110	1.47	40	50	D2213A
SF070025A	70.0	1	2.10	3	2.50	40	4.25	0.7	22.0	77	1.79	48	50	D2213A
SF070035A	70.0	1	3.10	3	3.55	40	5.40	0.9	24.0	70	1.43	40	50	D2213A
SF070042A	70.0	1	4.00	3	4.25	40	5.95	0.5	26.0	100	1.60	42	50	D4720A
SF070043A	70.0	1	3.88	3	4.30	40	6.05	0.6	27.0	70	1.43	42	50	D2213A
SF070054A	70.0	1	4.70	3	5.40	40	7.16	0.7	28.8	55	1.60	43	50	D2213A
SF070061A	70.0	1	5.60	3	6.10	40	8.05	0.7	30.0	70	2.20	43	50	D2213A
SF070075A	70.0	1	6.55	3	7.55	40	9.60	0.8	21.0	80	2.30	48	50	D2213A
SF070085A	70.0	1	7.65	3	8.45	40	10.50	0.7	24.8	80	2.60	48	50	D2213A
SF070092A	70.0	1	8.60	3	9.20	40	11.30	0.8	27.0	60	2.60	50	50	D2213A
SF070094A	70.0	1	8.70	3	9.40	40	10.60	1.2	25.5	100	3.50	50	50	D2713A
SF070095A	70.0	1	9.04	3	9.50	40	11.60	0.5	25.8	50	2.20	50	50	D2213A
SF070104A	70.0	1	10.10	3	10.40	40	12.10	0.9	26.8	55	2.50	50	50	D2213A
SF070146A	70.0	1	13.60	3	14.55	40	17.10	0.9	27.8	50	2.50	40	50	D2213A
SF070168A	70.0	1	16.00	3	16.80	40	20.50	0.5	28.0	25	1.60	50	50	D2213A
SF070186A	70.0	1	17.60	3	18.60	40	23.30	0.9	31.0	40	1.50	50	50	D2213A
SF070202A	70.0	1	19.15	3	20.20	40	31.00	0.5	31.0	15	1.50	48	50	D2213A
SF070252A	70.0	1	23.75	3	25.20	40	29.95	0.9	34.0	20	1.65	45	50	D2213A
SF070262A	70.0	1	23.90	3	26.20	40	30.80	1.2	30.8	20	1.20	47	50	D2213A
SF070403A	70.0	1	34.50	3	40.30	40	56.80	1.1	26.7	35	1.00	40	50	D2213A

Filtronetics provides custom SAW Filters and Resonators. Please contact us with your electrical and package requirements

	6010 Parretta Drive, Kansas City, MO 64120
	Phone (816) 231-7375 • Fax (816) 241-0368
	www.filtro.net • E-mail: filtro@filtro.net

SAW FILTERS (140 MHz and 160 MHz)

FILTRONETICS, INC

Model Number	Center Frequency	Pass Band (1)		Pass Band (2)		Stopband		Ripple	Loss	Group Delay Variation	Absolute Delay	Ultimate Attenuation	Terminating Impedance	Case
	(MHz)	(dB)	(MHz)	(dB)	(MHz)	(dB)	(MHz)	(dB)	(dB)	(nSec)	(uSec)	(dB)		
SF140005A	140.00	-	-	3	0.50	40	2.00	0.40 TYP	25.8	120 TYP	2.1 TYP	45	50	D2213A
SF140009A	140.00	1	0.90	3	1.40	60	6.00	0.20 TYP	7.0	150	0.6 TYP	80 TYP	50	D1308A(2X)
SF140024A	140.00	1	1.40	3	2.40	60	7.60	0.4	6.5	150	0.6 TYP	80 TYP	50	D1308A(2X)
SF140025A	140.00	1	2.10	3	2.50	40	4.40	0.7	33.5	70	1.5 TYP	45	50	D2213A
SF140041A	140.00	1	3.75	3	4.10	40	6.00	0.8	24.5	120	1.55	50 TYP	50	D2213A
SF140052A	140.00	1	4.60	3	5.15	40	8.10	0.9	23.8	60	1.0 TYP	45	50	D2213A
SF140073A	140.00	1	6.10	3	7.25	40	9.65	1.0	23.8	60	-	45 TYP	50	D2213A
SF140100A	140.00	1	7.80	3	10.00	40	12.99	1.5	22.8	90	1.48 TYP	46	50	D2213A
SF140140A	140.00	1	12.70	3	14.00	40	16.95	1.0	22.8	40	1.30 TYP	53	50	D2213A
SF140156A	140.00	1	13.90	3	15.60	40	19.60	0.6	23.8	50	1.15 TYP	50	50	D2213A
SF140199A	140.00	1	18.80	3	19.90	40	24.50	0.7	27.4	30	0.98 TYP	50	50	D2213A
SF140224A	140.00	1	22.80	3	24.40	40	29.60	0.7	24.8	40	0.85 TYP	48	50	D2213A
SF140274A	140.00	-	-	3	27.40	40	24.70	1.2 TYP	24.8	50	0.75 TYP	50	50	D2213A
SF140324A	140.00	1	30.60	3	32.40	40	38.95	0.5	28.8	25	0.83 TYP	50	50	D2213A
SF140395A	140.00	1	36.70	3	39.55	40	46.95	0.9	29.8	25	0.75 TYP	50	50	D2213A
SF140446A	140.00	1	41.55	3	44.60	40	53.75	1.0	30.0	25	0.68 TYP	46	50	D2213A
SF140487A	140.00	1	46.40	3	48.70	40	58.25	0.4	30.0	25	0.7 TYP	45	50	D2213A
SF140560A	140.00	1	52.50	3	56.05	40	67.95	0.8	29.5	25	0.63 TYP	50	50	D2213A
SF140635A	140.00	1	59.75	3	63.50	40	75.80	1.1	29.8	25	0.63 TYP	48	50	D2213A
SF160013A	160.00	-	-	3	1.25	40	3.90	0.4	28.5	110	1.0 TYP	50	50	D2213A
SF160020A	160.00	1	1.90	3	2.00	40	3.25	0.7	32.5	110	2.9 TYP	43	50	D2213A
SF160114A	160.00	1	10.30	3	11.40	40	15.40	0.7	23.8	28	0.85 TYP	47	50	D2213A
SF160202A	160.00	1	18.75	3	20.20	40	25.60	0.7	23.8	28	0.98 TYP	50	50	D2213A
SF160290A	160.00	1	27.50	3	29.00	40	34.65	0.7	24.8	28	0.82 TYP	48	50	D2213A
SF160415A	160.00	1	39.70	3	41.50	40	48.95	1.1	28.5	28	0.75 TYP	50	50	D2213A

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1/29/03

SAW FILTERS (Various Frequencies)

FILTRONETICS, INC

Model Number	Center Frequency	Pass Band (1)		Pass Band (2)		Stopband		Ripple	Loss	Group Delay Variation	Absolute Delay	Ultimate Attenuation	Terminating Impedance	Case
	(MHz)	(dB)	(MHz)	(dB)	(MHz)	(dB)	(MHz)	(dB)	(dB)	(nSec)	(uSec)	(dB)		
SF032006A	32.85	-	-	3	0.60	40	1.75	0.6	16.0	65	-	40	50	D2213A
SF056011A	56.00	1	0.8 TYP	3	1.10	40	2.60	0.9	17.8	310	1.8 TYP	45	50	D2213A
SF060007A	60.00	1	0.65	3	0.90	50	2.25	0.4	18.5	65	2.1 TYP	50	50	D2713A
SF060040A	60.00	1	4.00	3	4.35	50	6.95	0.5	25.7	70	2.0 TYP	47	50	D2713A
SF060074A	60.00	-	-	3	7.40	40	9.15	0.9	19.7	60	1.95 TYP	45	50	D2213A
SF060110A	60.00	1	9.90	3	11.00	50	16.10	0.6	24.0	40	1.8	52	50	D2713A
SF063004A	63.00	1	-	3	0.40	40	2.50	-	12.8	300 TYP	-	50	50	D2213A
SF063005A	63.00	1	0.27	3	0.48	40	1.70	0.3	29.0	80 TYP	-	50	50	D2213A
SF067021A	67.50	0.5	1.56	3	2.10	30	3.70	0.5	19.7	80 TYP	1.5 TYP	50	50	D2213A
SF075013A	75.0	1	1.00	3	1.30	40	2.40	0.5	33.8	60	3.2 TYP	50	50	D2713A
SF075100A	75.0	1	9.65	3	10.0	40	12.05	0.9	26.0	45	2.1 TYP	50	50	D2213A
SF075450A	75.0	1	41.5	3	45.0	40	59.9	0.95	26.5	50	1.22 TYP	42	50	D2213A
SF082020A	82.50	0.5	1.25	3	2.00	30	3.95	0.5	18.8	100 TYP	1.3 TYP	50	50	D2213A
SF090108A	90.00	1	10.00	3	10.80	40	13.40	0.8	22.0	80	1.9 TYP	50	50	D2213A
SF090147A	90.00	1	14.00	3	17.75	40	17.30	1.0	25.3	85	1.94 TYP	50	50	D2213A
SF120022A	120.00	1	1.35	3	2.25	60	7.30	0.3	6.2	100 TYP	0.6 TYP	75	50	D2213A(2X)
SF188406A	188.00	1	38.50	3	40.60	40	48.00	1.0	28.5	40	0.73 TYP	45	50	D2213A
SF192047A	192.00	1	4.30	3	4.75	40	6.60	0.5	38.5	95	2.1 TYP	43	50	D2213A
SF330960A	330.00	1	95.00	3	96.00	40	111.00	0.8	35.0	22	-	50 TYP	50	D2213A
SF372006A	372.00	-	-	3	0.60	40	-21.40	2.0	5.0	-	-	80	50	D2039A
SF480290A	480.00	1	29.00	3	35.20	40	53.80	1.0	28.7	-	-	42	50	D2213A
SF770120A	770	1	12.0	3	32 TYP	20	-35+26	1.0	5.5	-	-	40	50	S0505A
						40	-120+81							
SF80930A	809.5	-	-	3	31.0	20	-42+34	3.0	5.5	-	-	40	50	S0505A
						40	-90+87							
SF868012A	868.30	-	-	3	1.2 TYP	30	-21.40	-	5.5	-	-	60 TYP	50	S0505A
SF868012B	868.35	-	-	3	1.2 TYP	30	-21.40	-	5.5	-	-	60 TYP	50	S0505A
SF914040A	914.50	-	-	3	4.00	40	-41+50	1.0	4.5	-	-	40	50	D1105A

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