

70 MHz Bandpass SAW Filter

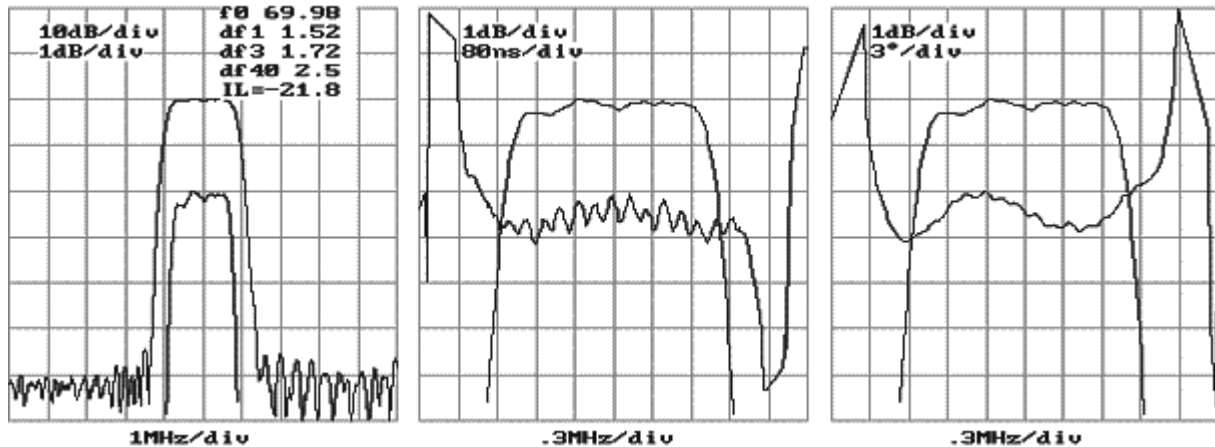
BP60360

1.5 MHz Bandwidth

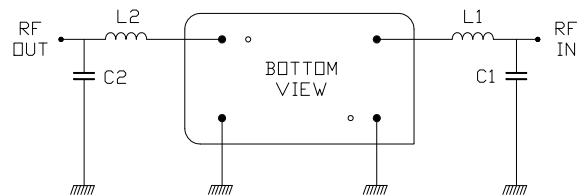
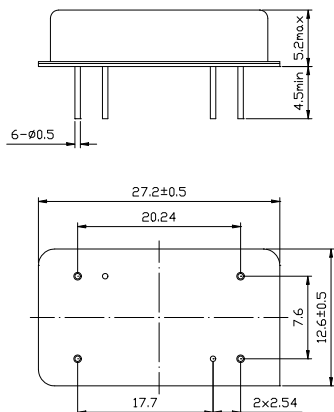
Complies with Directive 2002/95/EC (RoHS Compliant)

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	f_c	69.92	70	70.08	MHz
Insertion Loss at f_c	IL	-	21.7	25.0	dB
1 dB Bandwidth	BW_1	1.3	1.5	-	MHz
3 dB Bandwidth	BW_3	1.5	1.7	-	MHz
40dB Bandwidth	BW_{40}	-	2.5	2.7	MHz
Passband Variation	-	-	0.4	0.8	dB
Phase Linearity	-	-	5.0	7.0	Deg
Group Delay Variation	-	-	80	150	nsec
Absolute Delay	-	-	3.2	3.5	μ sec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	Quartz	-	-
Ambient Temperature	T_a	-	25	-	°C

Typical Performance



Package Outline
Matching Configuration



L1 = L2 = 270 nH
 C1 = C2 = 30 pF
 Nominal Source/Load Impedance : 50 Ω

Note: Component values may change depending on board