

70 MHz Bandpass SAW Filter

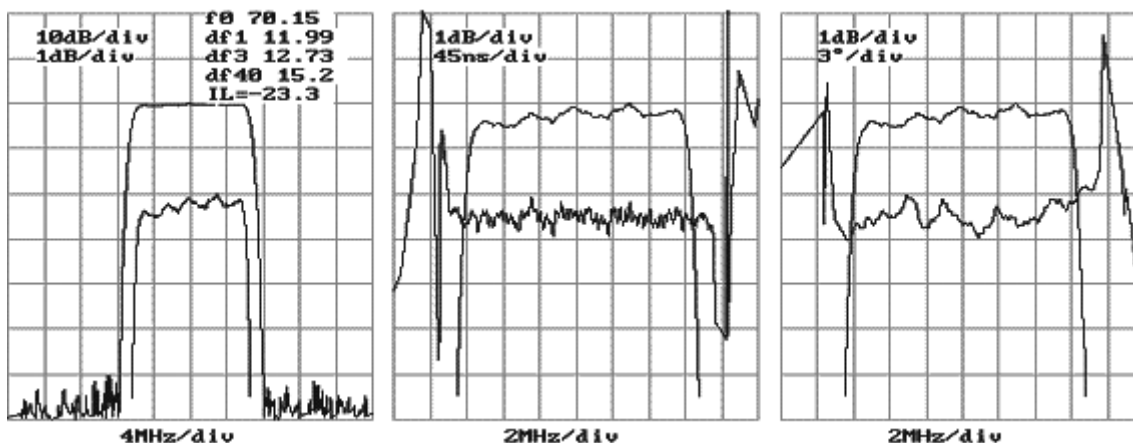
BP60170

12 MHz Bandwidth

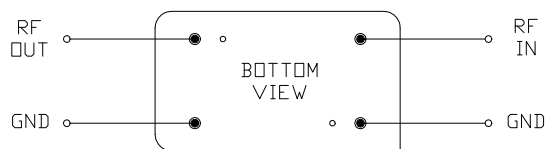
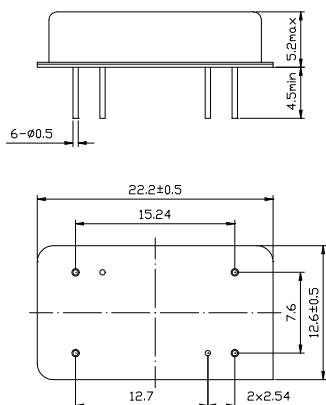
Complies with Directive 2002/95/EC (RoHS Compliant)

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	f_c	69.8	70.0	70.2	MHz
Insertion Loss at f_c	IL	-	23.3	25.0	dB
1 dB Bandwidth	BW_1	11.6	12.0	-	MHz
3 dB Bandwidth	BW_3	12.0	12.7	-	MHz
40dB Bandwidth	BW_{40}	-	15.2	15.4	MHz
Passband Variation	-	-	0.5	0.6	dB
Phase Linearity	-	-	3.0	4.0	Deg
Group Delay Variation	-	-	45	60	nsec
Absolute Delay	-	-	2.0	-	μ sec
Ultimate Rejection	-	55	60	-	dB
Substrate Material	-	-	128-LiNbO ₃	-	-
Ambient Temperature	T_a	-	25	-	°C

Typical Performance



Package Outline
Matching Configuration



No Matching Required
Nominal Source/Load Impedance : 50 Ω

Note: Component values may change depending on board