

70 MHz Bandpass SAW Filter

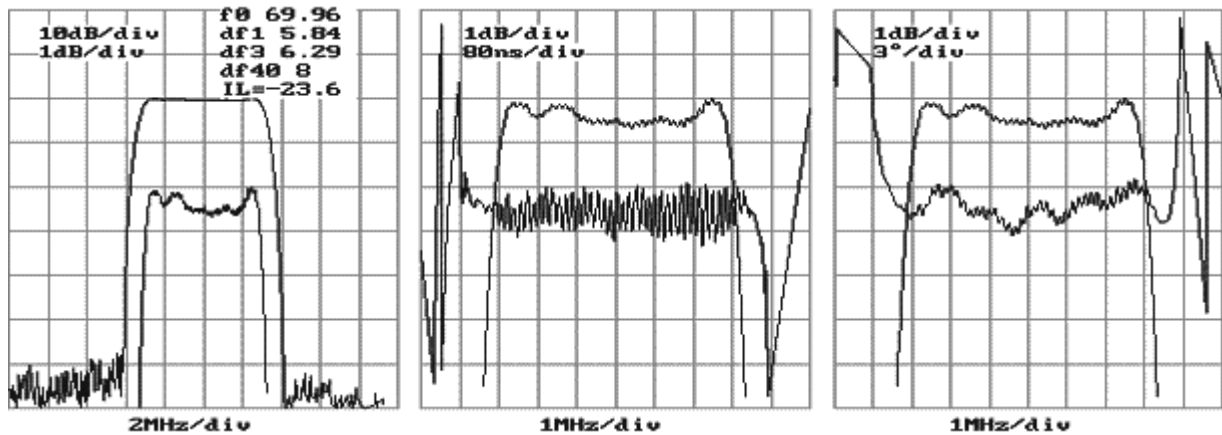
BP60270

6 MHz Bandwidth

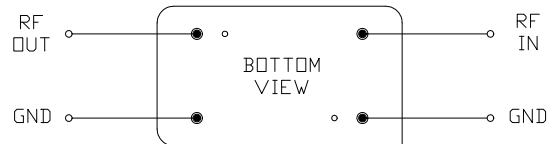
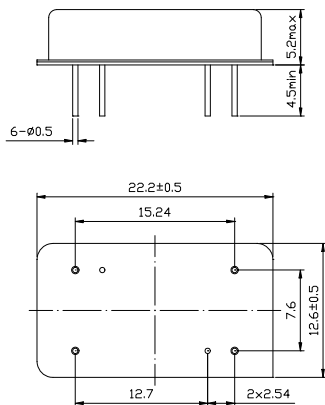
Complies with Directive 2002/95/EC (RoHS Compliant)

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	f_c	69.9	70	70.1	MHz
Insertion Loss at f_c	IL	-	22.0	24.5	dB
1 dB Bandwidth	BW_1	5.6	5.8	-	MHz
3 dB Bandwidth	BW_3	6.0	6.2	-	MHz
40dB Bandwidth	BW_{40}	-	7.85	8.1	MHz
Passband Variation	-	-	0.6	1.0	dB
Phase Linearity	-	-	3.0	5.0	Deg
Group Delay Variation	-	-	45	80	nsec
Absolute Delay	-	-	2.0	3.0	μ sec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	YZ-LiTaO 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