

70 MHz Bandpass SAW Filter

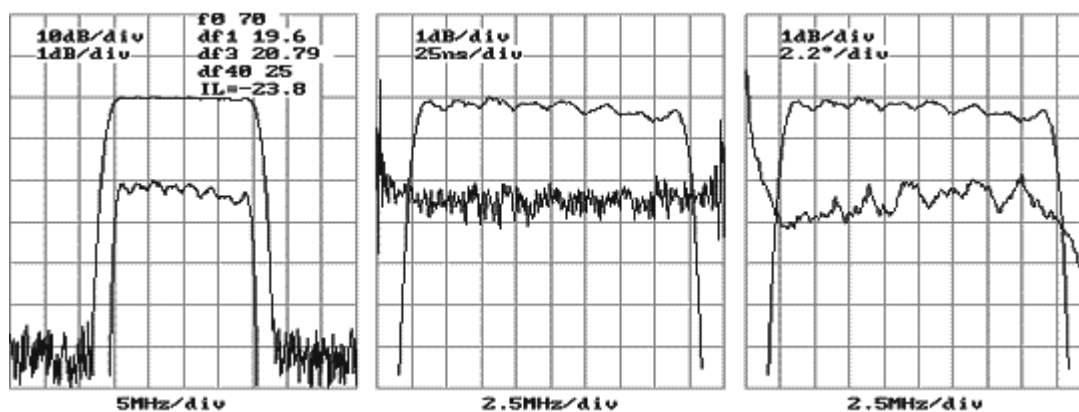
20 MHz Bandwidth

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

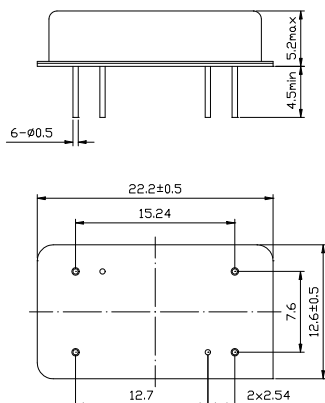
BP60110

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	f_c	69.8	70	70.2	MHz
Insertion Loss at f_c	IL	-	26.2	27.0	dB
1 dB Bandwidth	BW_1	19.3	19.4	-	MHz
3 dB Bandwidth	BW_3	20.0	20.6	-	MHz
40dB Bandwidth	BW_{40}	-	25.1	25.4	MHz
Passband Variation	-	-	0.5	0.7	dB
Phase Linearity	-	-	3.0	4.0	Deg
Group Delay Variation	-	-	20	35	nsec
Absolute Delay	-	-	1.5	-	μ sec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	128-LiNbO ₃	-	-
Ambient Temperature	T_a	-	25	-	°C

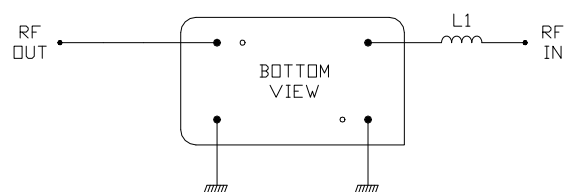
Typical Performance



Package Outline



Matching Configuration



L1 : 220nH + 56nH

Nominal Source/Load Impedance : 50 Ω

Note: Component values may change depending on board