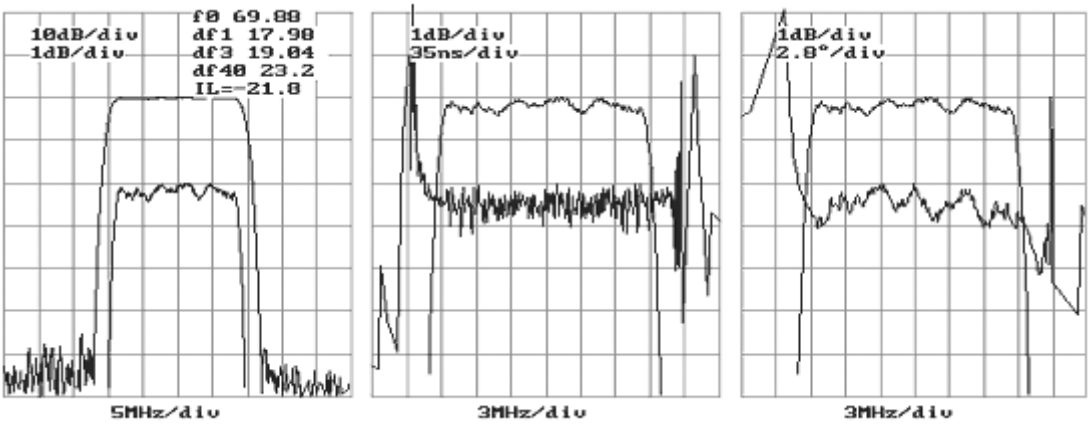
70 MHz Bandpass SAW Filter

18 MHz Bandwidth

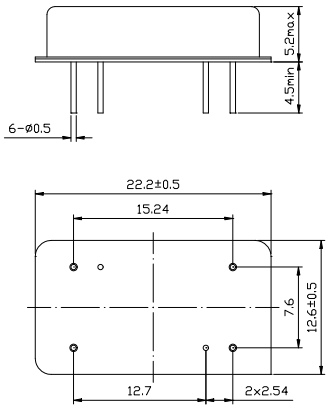
BP60120

Electronic Characteristics					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.85	70	70.15	MHz
Insertion Loss at fc	IL	-	22.5	25.0	dB
1 dB Bandwidth	BW_1	18.0	18.15	-	MHz
3 dB Bandwidth	BW_3	18.9	19.13	-	MHz
40dB Bandwidth	BW_{40}	-	22.95	23.0	MHz
Passband Variation	-	-	0.4	0.8	dB
Phase Linearity	-	-	2.5	5.0	Deg
Group Delay Variation	-	-	30	50	nsec
Absolute Delay	-	-	1.24	-	µsec
Ultimate Rejection	-	50	60	-	dB
Substrate Material	-	-	128-$LiNbO_3$	-	-
Ambient Temperature	Ta	-	25	-	°C

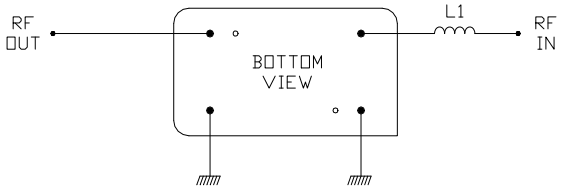
Typical Performance



Package Outline



Matching Configuration



L1 : 220nH + 22 nH

Nominal Source/Load Impedance : 50 Ω