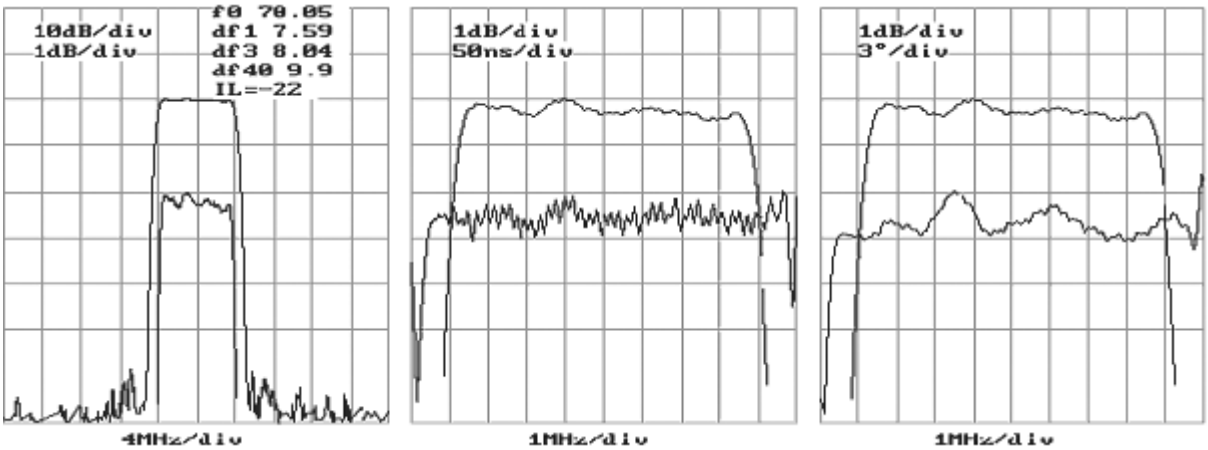
70 MHz Bandpass SAW Filter

7.5 MHz Bandwidth

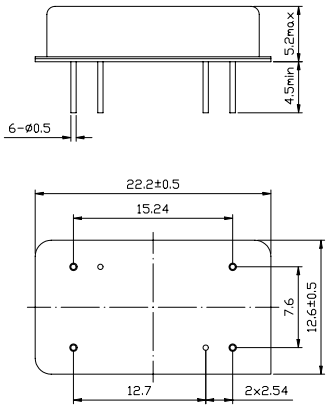
BP60240

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.2	70	70.8	MHz
Insertion Loss at fc	IL	-	22.0	24.0	dB
1 dB Bandwidth	BW_1	7.3	7.5	-	MHz
3 dB Bandwidth	BW_3	7.5	8.0	-	MHz
40dB Bandwidth	BW_{40}	-	9.7	10.0	MHz
Passband Variation	-	-	0.5	0.8	dB
Phase Linearity	-	-	4.0	6.0	Deg
Group Delay Variation	-	-	60	120	nsec
Absolute Delay	-	-	2.1	-	µsec
Ultimate Rejection	-	50	58	-	dB
Substrate Material	-	-	YZ-$LiNbO_3$	-	-
Ambient Temperature	Ta	-	25	-	°C

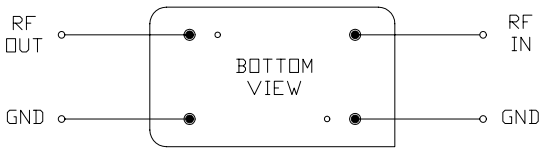
Typical Performance



Package Outline



Matching Configuration



No Matching Required

Nominal Source/Load Impedance : 50 Ω

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