

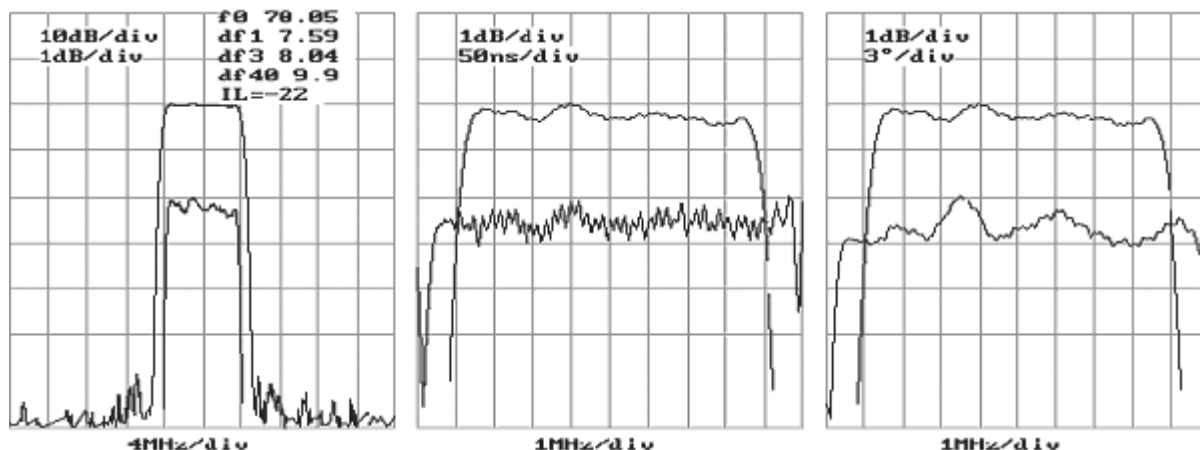
# 70 MHz Bandpass SAW Filter

## 7.5 MHz Bandwidth

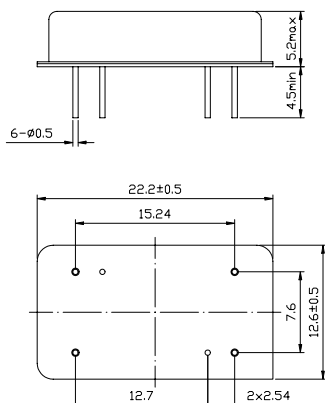
# BP60240

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 <sub>1</sub>	7.3	7.5	-	MHz
3 dB Bandwidth	BW <sub>3</sub>	7.5	8.0	-	MHz
40dB Bandwidth	BW <sub>40</sub>	-	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 <sub>3</sub>	-	-
Ambient Temperature	Ta	-	25	-	°C

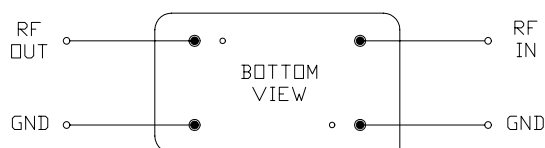
### Typical Performance



### Package Outline



### Matching Configuration



No Matching Required

Nominal Source/Load Impedance : 50 Ω