

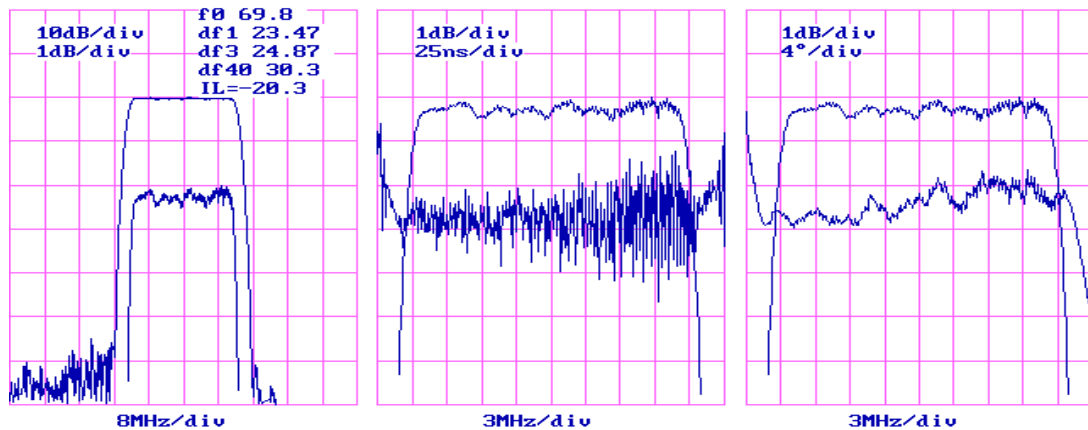
# 70 MHz Bandpass SAW Filter

24 MHz Bandwidth

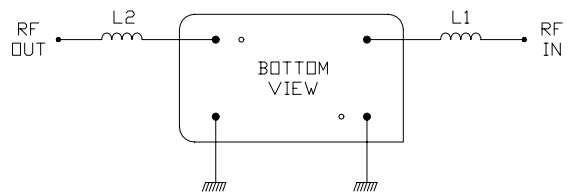
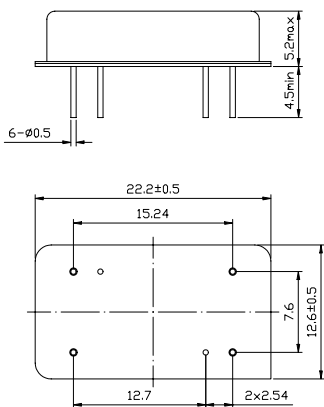
## BP60090

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.8	70	70.2	MHz
Insertion Loss at fc	IL	-	20.9	24.0	dB
1 dB Bandwidth	BW <sub>1</sub>	22.7	23.4	-	MHz
3 dB Bandwidth	BW <sub>3</sub>	24.0	24.8	-	MHz
40dB Bandwidth	BW <sub>40</sub>	-	30.3	31.7	MHz
Passband Variation	-	-	0.4	1.0	dB
Phase Linearity	-	-	4.0	6.0	Deg
Group Delay Variation	-	-	30	40	nsec
Absolute Delay	-	-	1.23	-	μsec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	128-LiNbO <sub>3</sub>	-	-
Ambient Temperature	Ta	-	25	-	°C
Operating Temperature Range	To	-55	25	85	°C

**Typical Performance**



**Package Outline** **Matching Configuration**



L1 : 385 nH L2 : 403 nH  
 Nominal Source/Load Impedance : 50 Ω