

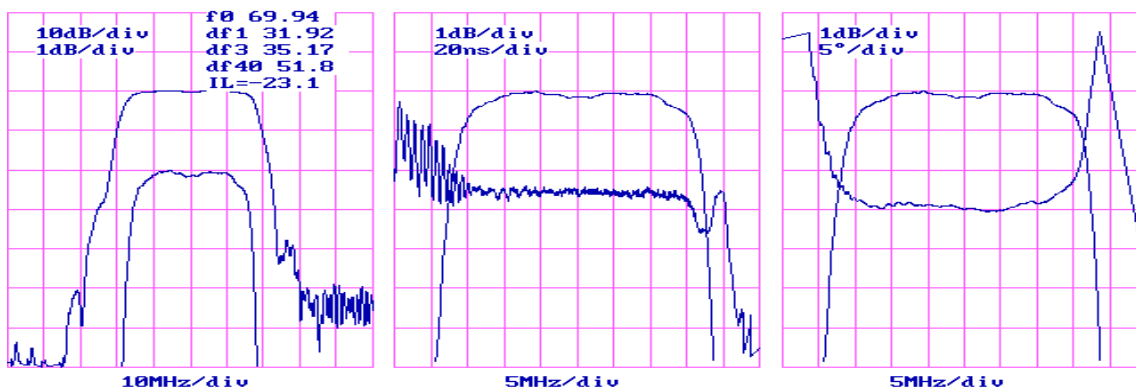
# 70 MHz Bandpass SAW Filter

34 MHz Bandwidth

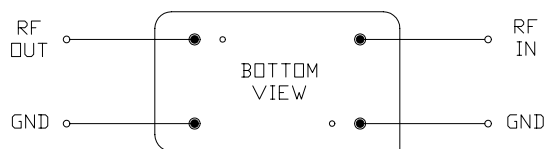
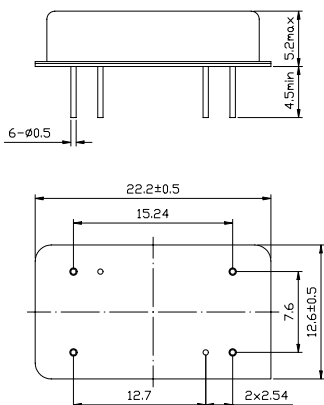
## BP60040

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.8	70	70.2	MHz
Insertion Loss at fc	IL	-	23.1	25.0	dB
1 dB Bandwidth	BW <sub>1</sub>	31.0	31.9	-	MHz
3 dB Bandwidth	BW <sub>3</sub>	34.0	35.1	-	MHz
40dB Bandwidth	BW <sub>40</sub>	-	51.8	52.8	MHz
Passband Variation	-	-	0.4	1.0	dB
Phase Linearity	-	-	6.0	7.0	Deg
Group Delay Variation	-	-	20	30	nsec
Absolute Delay	-	-	2	-	μsec
Ultimate Rejection	-	45	50	-	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



No Matching Required  
Nominal Source/Load Impedance : 50 Ω