

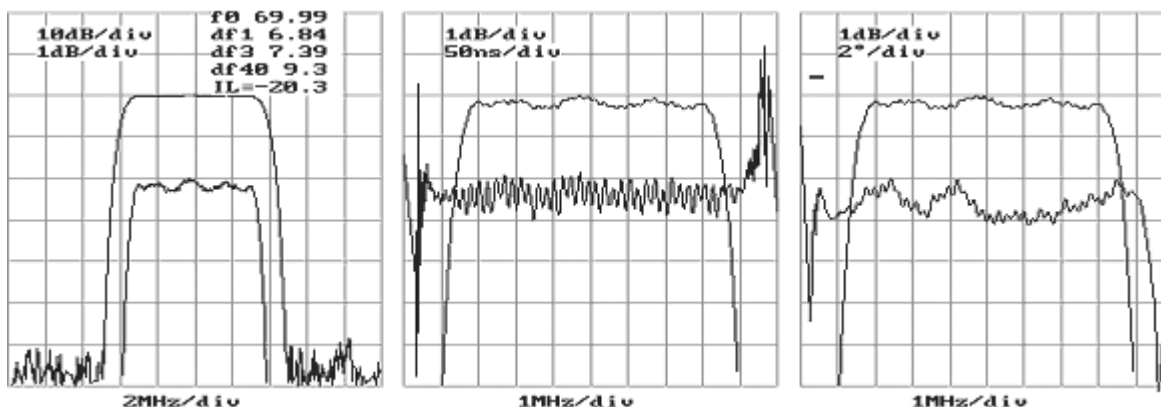
# 70 MHz Bandpass SAW Filter

## 7 MHz Bandwidth

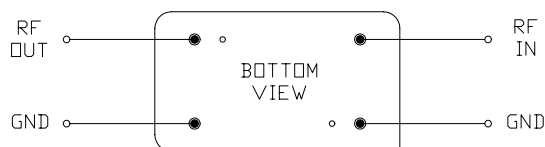
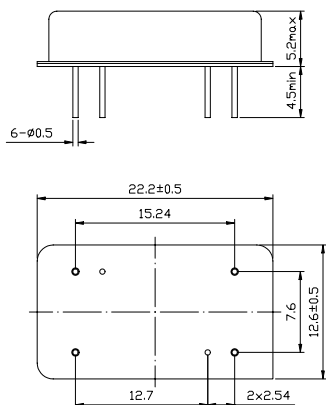
# BP60250

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.9	70	70.1	MHz
Insertion Loss at fc	IL	-	20.3	22.0	dB
1 dB Bandwidth	BW <sub>1</sub>	6.5	6.8	-	MHz
3 dB Bandwidth	BW <sub>3</sub>	7.0	7.3	-	MHz
40dB Bandwidth	BW <sub>40</sub>	-	9.3	9.7	MHz
Passband Variation	-	-	0.4	0.8	dB
Phase Linearity	-	-	2.0	4.0	Deg
Group Delay Variation	-	-	40	100	nsec
Absolute Delay	-	-	2.2	-	µsec
Ultimate Rejection	-	50	60	-	dB
Substrate Material	-	-	YZ-LiNbO <sub>3</sub>	-	-
Ambient Temperature	Ta	-	25	-	°C
Operating Temperature Range	To	-40	-	85	°C

### Typical Performance



Package Outline
Matching Configuration



No Matching Required  
Nominal Source/Load Impedance : 50  $\Omega$