

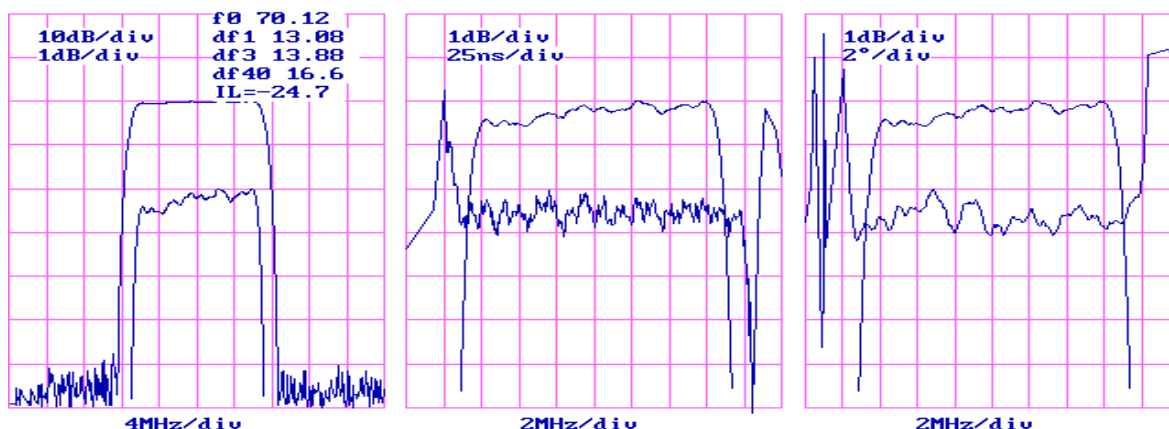
# 70 MHz Bandpass SAW Filter

13 MHz Bandwidth

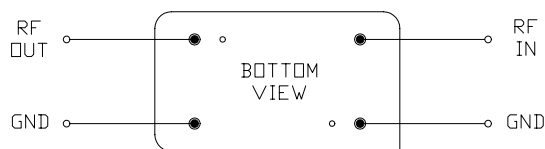
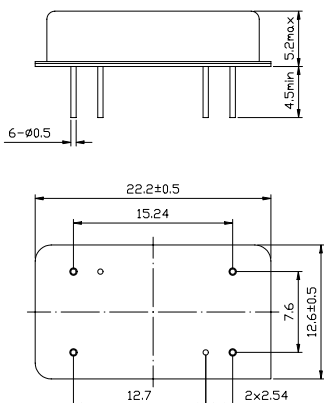
## BP60160

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.8	70	70.2	MHz
Insertion Loss at fc	IL	-	24.7	28.0	dB
1 dB Bandwidth	BW <sub>1</sub>	12.75	13.0	-	MHz
3 dB Bandwidth	BW <sub>3</sub>	13.0	13.8	-	MHz
40dB Bandwidth	BW <sub>40</sub>	-	16.6	17.1	MHz
Passband Variation	-	-	0.5	0.6	dB
Phase Linearity	-	-	2.0	4.0	Deg
Group Delay Variation	-	-	25	50	nsec
Absolute Delay	-	-	1.6	-	μsec
Ultimate Rejection	-	50	60	-	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