

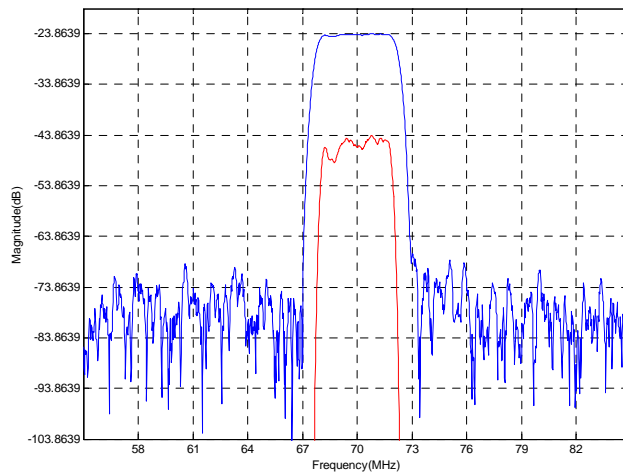
# 70 MHz Bandpass SAW Filter

## 4.1 MHz Bandwidth

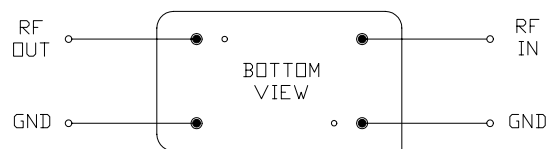
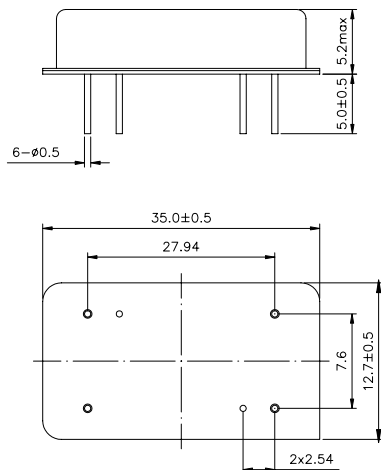
# BP60660

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.9	70	70.1	MHz
Insertion Loss at fc	IL	-	23.86	25.0	dB
1dB Bandwidth	BW <sub>1</sub>	3.84	3.96	-	MHz
3dB Bandwidth	BW <sub>3</sub>	4.10	4.36	-	MHz
40dB Bandwidth	BW <sub>40</sub>	-	5.78	6.10	MHz
Passband Variation	-	-	0.4	1.0	dB
Absolute Delay	-	-	1.54	1.9	μsec
Ultimate Rejection	-	40	48	-	dB
Substrate Material	-	-	112-LiTaO <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