

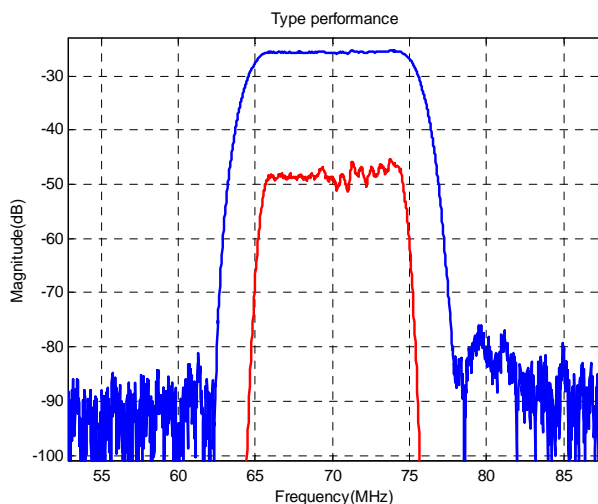
# 70 MHz Bandpass SAW Filter

10 MHz Bandwidth

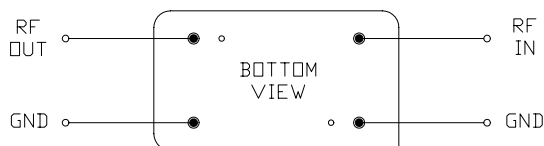
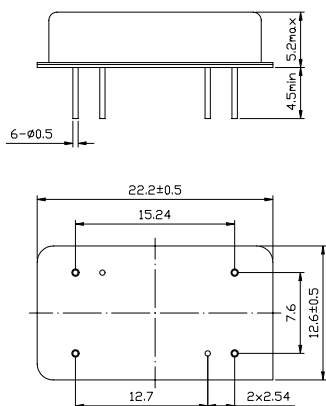
## BP60420

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.8	70	70.2	MHz
Insertion Loss at fc	IL	-	19.0	24.0	dB
3 dB Bandwidth	BW <sub>3</sub>	10	10.46	-	MHz
40dB Bandwidth	BW <sub>40</sub>	-	14.61	15.5	MHz
Passband Variation	-	-	0.7	1.0	dB
Phase Linearity	-	-	3.5	5.0	Deg
Group Delay Variation	-	-	20	40	nsec
Absolute Delay	-	-	1.2	-	μsec
Ultimate Rejection	-	50	60	-	dB
Substrate Material	-	-	YZ-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