

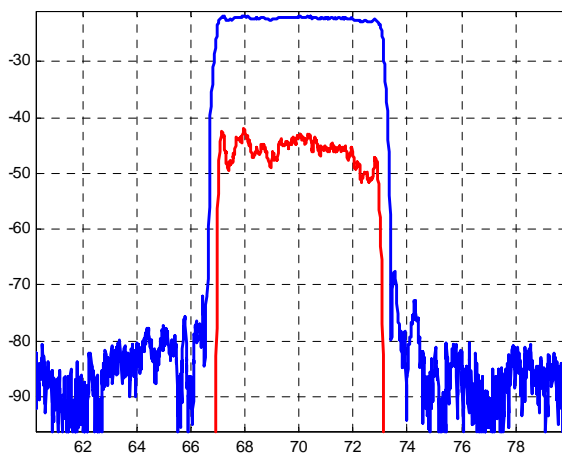
70 MHz Bandpass SAW Filter

6 MHz Bandwidth

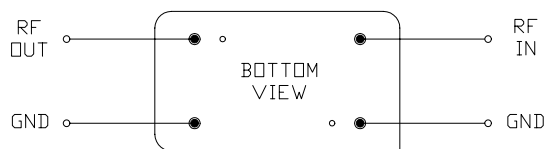
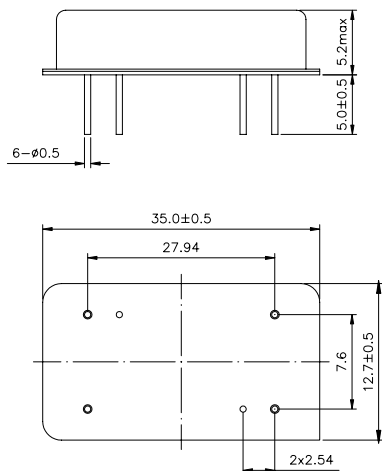
**BP60530**

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.95	70	70.05	MHz
Insertion Loss at fc	IL	-	21.8	24.0	dB
3 dB Bandwidth	BW <sub>3</sub>	6.0	6.09	-	MHz
35dB Bandwidth	BW <sub>35</sub>	-	6.68	6.8	MHz
45dB Bandwidth	BW <sub>45</sub>	-	6.75	7.2	MHz
Passband Variation	-	-	0.9	1.0	dB
Absolute Delay	-	-	3.95	4	μsec
Ultimate Rejection	-	45	50	-	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