

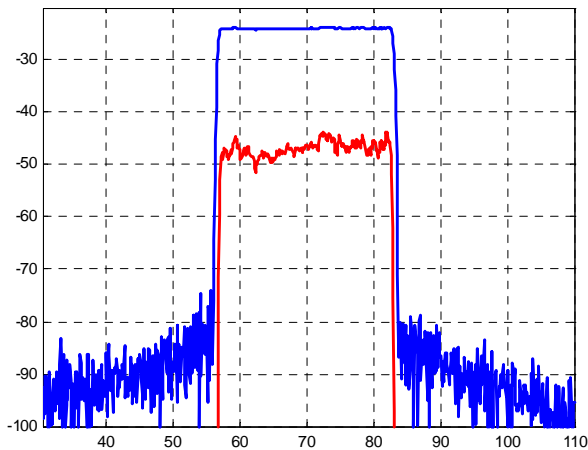
# 70 MHz Bandpass SAW Filter

25.9 MHz Bandwidth

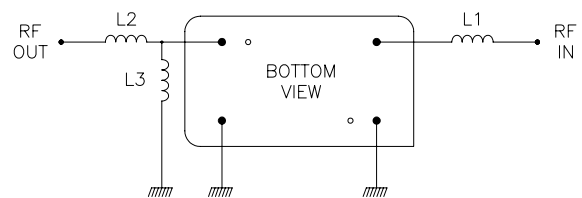
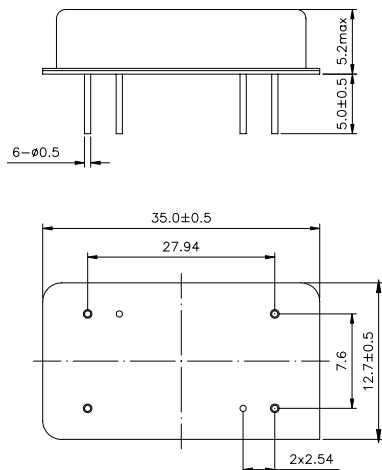
## BP60510

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.95	70	70.05	MHz
Insertion Loss at fc	IL	-	23.8	25.0	dB
1dB Bandwidth	BW <sub>1</sub>	25.5	25.73	-	MHz
3dB Bandwidth	BW <sub>3</sub>	25.9	26.1	-	MHz
40dB Bandwidth	BW <sub>40</sub>	-	27.44	28.0	MHz
Passband Variation	-	-	0.8	1.2	dB
Ultimate Rejection	-	45	50	-	dB
Absolute Delay	-	-	2.3	-	μsec
Substrate Material	-	-	128-LiNbO <sub>3</sub>	-	-
Ambient Temperature	T <sub>a</sub>	-	25	-	°C
Operating Temperature Range	T <sub>o</sub>	-55	25	85	°C

### Typical Performance



Package Outline
Matching Configuration



L1 : 180 nH L2 : 340 nH L3 : 680 nH  
 Nominal Source/Load Impedance : 50 Ω