

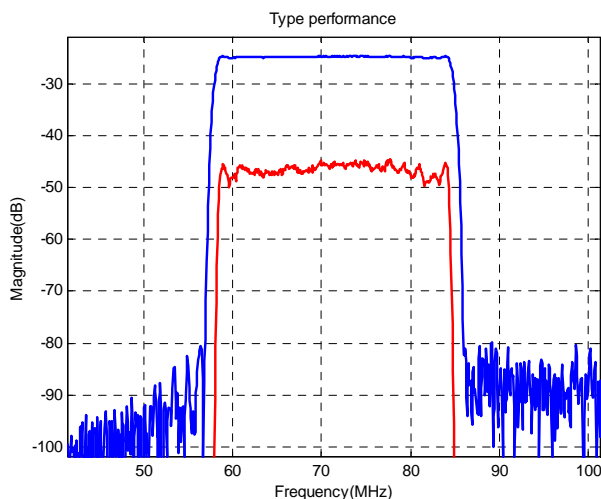
# 70 MHz Bandpass SAW Filter

25.85 MHz Bandwidth

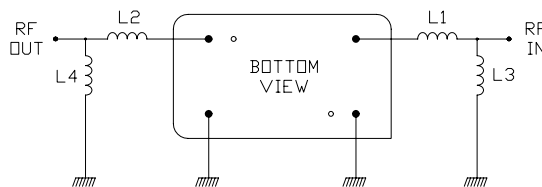
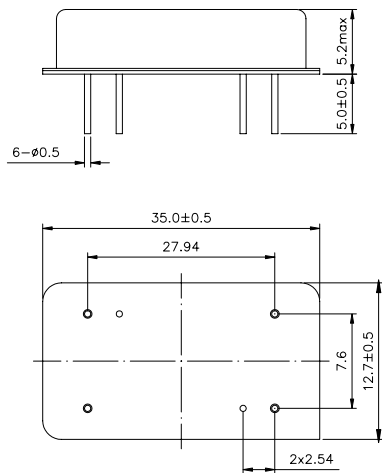
## BP60490

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.95	70	70.05	MHz
Insertion Loss at fc	IL	-	24.5	26.0	dB
3dB Bandwidth	BW <sub>3</sub>	25.85	26.03	-	MHz
20dB Bandwidth	BW <sub>20</sub>	-	27.47	-	MHz
30dB Bandwidth	BW <sub>30</sub>	-	27.87	-	MHz
40dB Bandwidth	BW <sub>40</sub>	-	28.15	28.5	MHz
Passband Variation	-	-	0.5	1.0	dB
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	YZ-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 : 120 nH   L2 : 124 nH  
 L3 : 120 nH   L4 : 180 nH  
 Nominal Source/Load Impedance : 50 Ω