

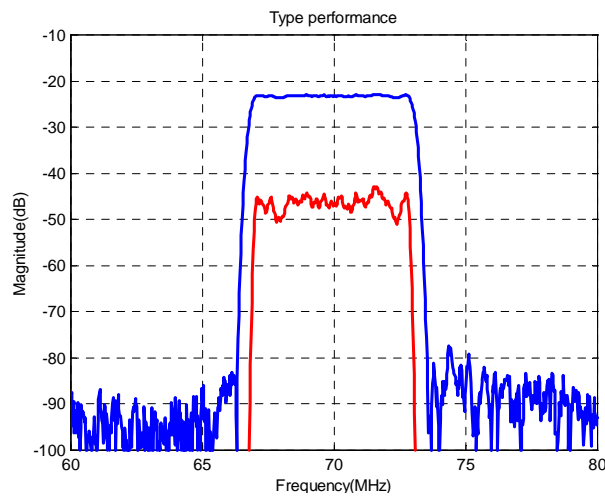
# 70 MHz Bandpass SAW Filter

6 MHz Bandwidth

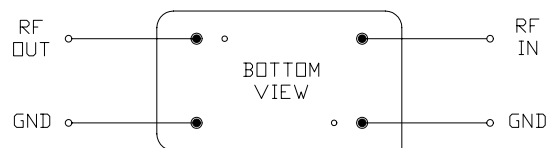
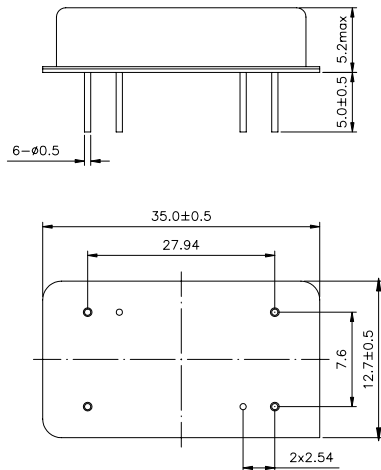
## BP60540

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.95	70	70.05	MHz
Insertion Loss at fc	IL	-	22.9	25.0	dB
3 dB Bandwidth	BW <sub>3</sub>	6.0	6.135	-	MHz
20dB Bandwidth	BW <sub>20</sub>	-	6.70	6.80	MHz
30dB Bandwidth	BW <sub>30</sub>	-	6.86	7.00	MHz
40dB Bandwidth	BW <sub>40</sub>	-	6.975	7.20	MHz
Passband Variation	-	-	0.9	1.2	dB
Absolute Delay	-	-	3.72	-	μsec
Ultimate Rejection	-	50	55	-	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