

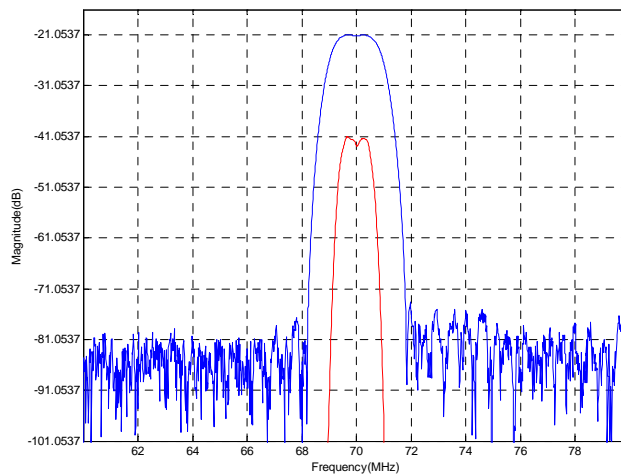
# 70 MHz Bandpass SAW Filter

1.50 MHz Bandwidth

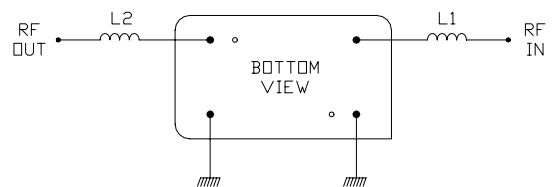
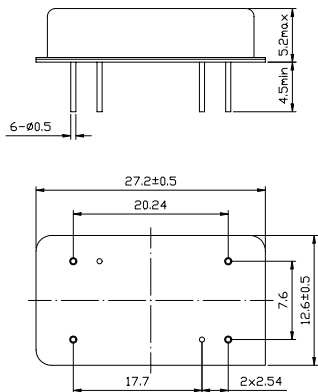
## BP60650

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.9	70	70.1	MHz
Insertion Loss at fc	IL	-	21.05	25.0	dB
1 dB Bandwidth	BW <sub>1</sub>	1.23	1.33	-	MHz
3 dB Bandwidth	BW <sub>3</sub>	1.50	1.72	-	MHz
40dB Bandwidth	BW <sub>40</sub>	-	3.35	3.80	MHz
Passband Variation	-	-	0.2	0.6	dB
Absolute Delay	-	-	1.88	2	μsec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	Quartz	-	-
Ambient Temperature	Ta	-	25	-	°C
Operating Temperature Range	To	-55	25	85	°C

### Typical Performance



Package Outline
Matching Configuration



L1 : 470 nH  
 L3 : 470 nH  
 Nominal Source/Load Impedance : 50 Ω