

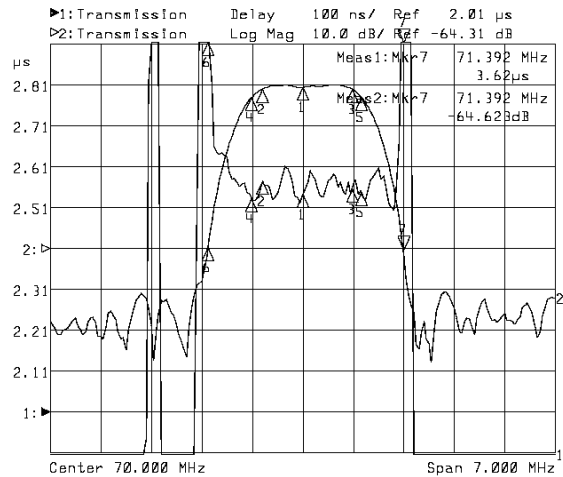
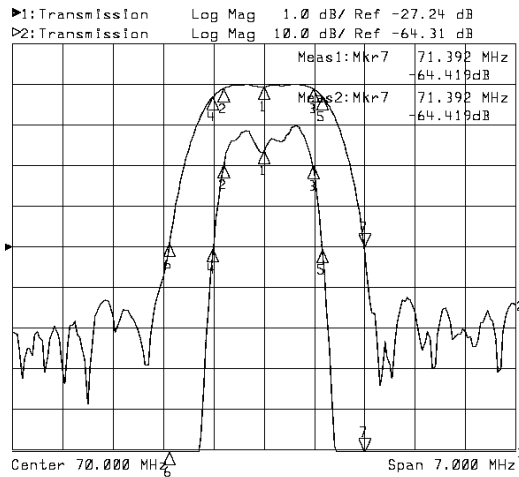
# 70 MHz Bandpass SAW Filter

1.5 MHz Bandwidth

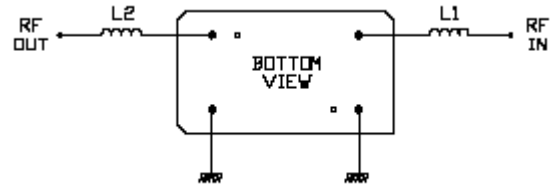
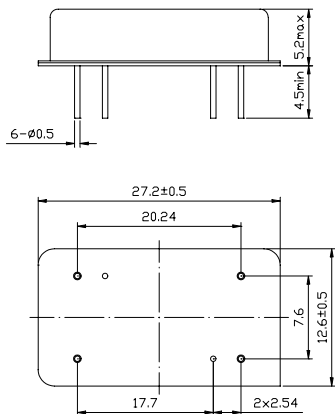
## BP60361

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	fc	69.93	70.0	70.07	MHz
Insertion Loss at fc	IL	-	24.8	26	dB
1 dB Bandwidth	BW <sub>1</sub>	1.20	1.24	-	MHz
3 dB Bandwidth	BW <sub>3</sub>	1.45	1.52	-	MHz
40dB Bandwidth	BW <sub>40</sub>	-	2.71	2.8	MHz
Passband Variation	-	-	0.6	0.9	dB
Phase Linearity	-	-	-	-	Deg
Group Delay Variation	-	-	100	150	nsec
Absolute Delay	-	-	2.54	-	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 : 270 nH  
 L2 : 330 nH  
 Nominal Source/Load Impedance : 50