

# 70 MHz Bandpass SAW Filter

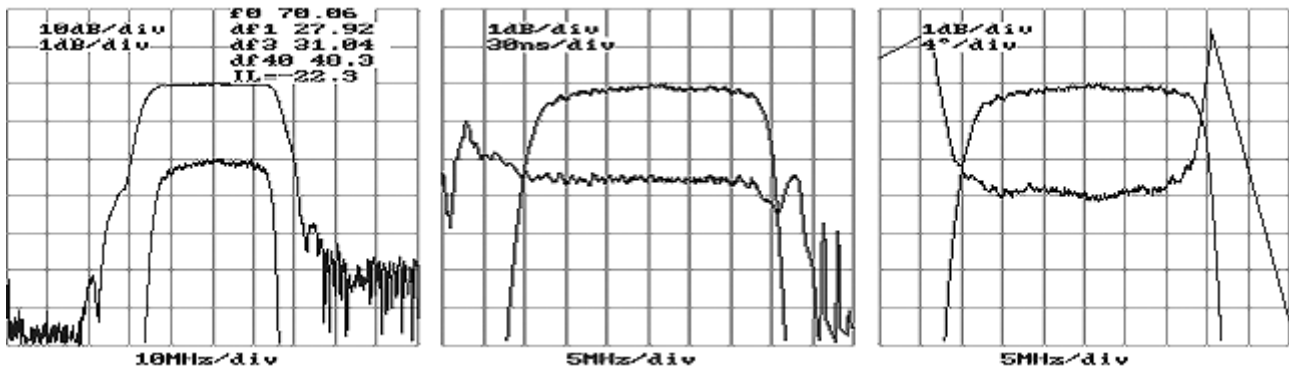
## BP60060

30 MHz Bandwidth

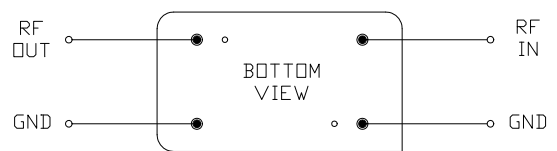
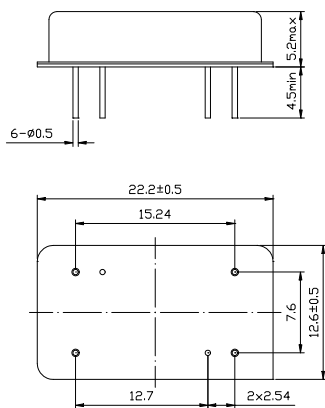
*Complies with Directive 2002/95/EC (RoHS Compliant)*

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	$f_c$	69.8	70	70.2	MHz
Insertion Loss at $f_c$	$IL$	-	22.3	22.5	dB
1 dB Bandwidth	$BW_1$	26.3	27.9	-	MHz
3 dB Bandwidth	$BW_3$	30.0	31.0	-	MHz
40dB Bandwidth	$BW_{40}$	-	48.3	49.5	MHz
Passband Variation	-	-	0.3	1.0	dB
Phase Linearity	-	-	4.5	5.0	Deg
Group Delay Variation	-	-	20	40	nsec
Absolute Delay	-	-	2	-	$\mu$ sec
Ultimate Rejection	-	45	50	-	dB
Substrate Material	-	-	128-LiNbO <sub>3</sub>	-	-
Ambient Temperature	$T_a$	-	25	-	°C

**Typical Performance**



**Package Outline      Matching Configuration**



No Matching Required  
Nominal Source/Load Impedance : 50  $\Omega$

*Note: Component values may change depending on board*