

# 70 MHz Bandpass SAW Filter

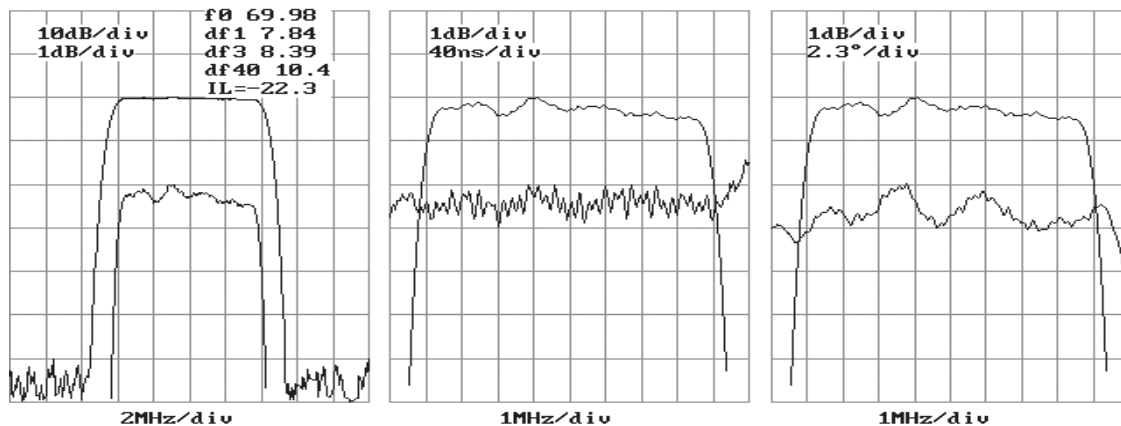
## BP60230

### 8 MHz Bandwidth

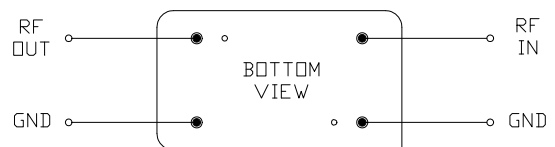
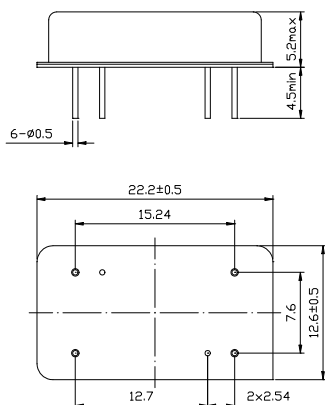
*Complies with Directive 2002/95/EC (RoHS Compliant)*

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	$f_c$	69.90	70	70.10	MHz
Insertion Loss at $f_c$	$IL$	-	22.5	24.0	dB
1 dB Bandwidth	$BW_1$	7.5	7.6	-	MHz
3 dB Bandwidth	$BW_3$	8.0	8.25	-	MHz
40dB Bandwidth	$BW_{40}$	-	10.16	10.4	MHz
Passband Variation	-	-	0.6	1.0	dB
Phase Linearity	-	-	3.0	4.0	Deg
Group Delay Variation	-	-	50	60	nsec
Absolute Delay	-	-	1.9	-	μsec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	YZ-LiNbO <sub>3</sub>	-	-
Ambient Temperature	$T_a$	-	25	-	°C

### Typical Performance



Package Outline
Matching Configuration



No Matching Required  
 Nominal Source/Load Impedance : 50 Ω

*Note: Component values may change depending on board layout.*