

70 MHz Bandpass SAW Filter

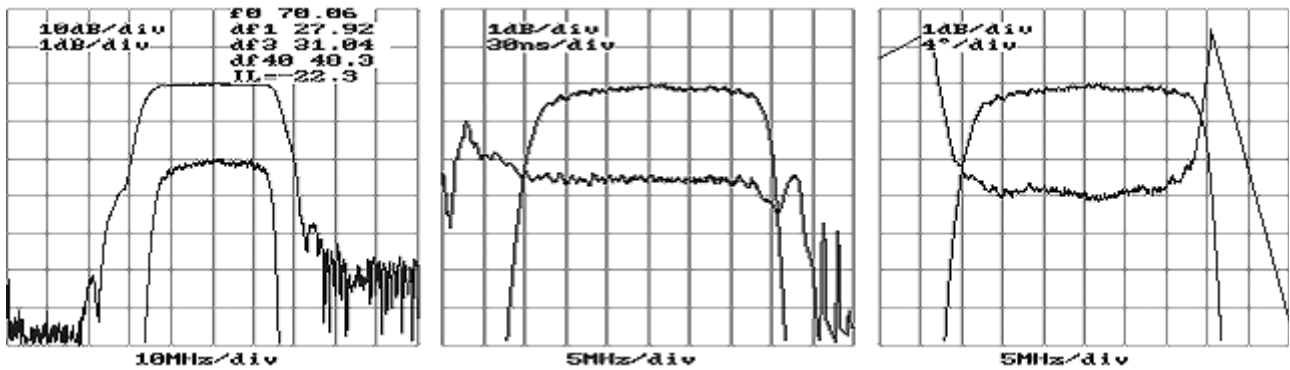
BP60060

30 MHz Bandwidth

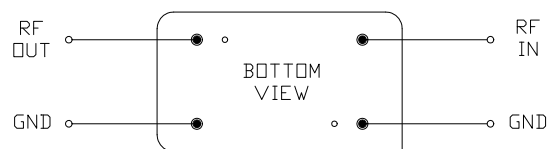
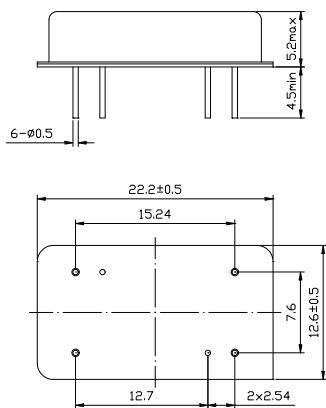
Complies with Directive 2002/95/EC (RoHS Compliant)

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	<i>f_c</i>	69.8	70	70.2	MHz
Insertion Loss at <i>f_c</i>	<i>IL</i>	-	22.3	22.5	dB
1 dB Bandwidth	<i>BW₁</i>	26.3	27.9	-	MHz
3 dB Bandwidth	<i>BW₃</i>	30.0	31.0	-	MHz
40dB Bandwidth	<i>BW₄₀</i>	-	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	-	μsec
Ultimate Rejection	-	45	50	-	dB
Substrate Material	-	-	128-LiNbO ₃	-	-
Ambient Temperature	<i>T_a</i>	-	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