70 MHz Bandpass SAW Filter

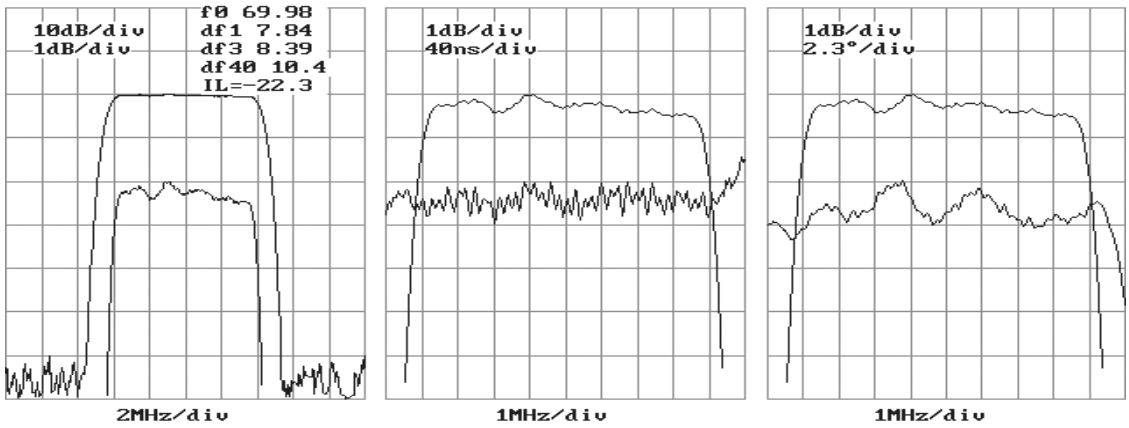
8 MHz Bandwidth

BP60230

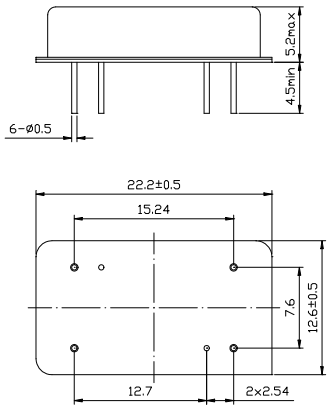
Complies with Directive 2002/95/EC (RoHS Compliant)

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	*fc*	69.90	70	70.10	MHz
Insertion Loss at fc	*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-$LiNbO_3$	-	-
Ambient Temperature	*Ta*	-	25	-	°C

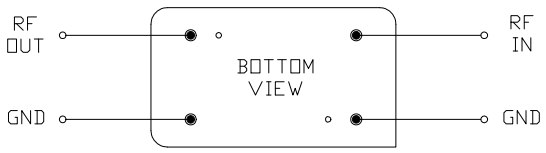
Typical Performance



Package Outline



Matching Configuration



No Matching Required

Nominal Source/Load Impedance : 50 Ω

Note: Component values may change depending on board layout.

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