

70 MHz Bandpass SAW Filter

2.5 MHz Bandwidth

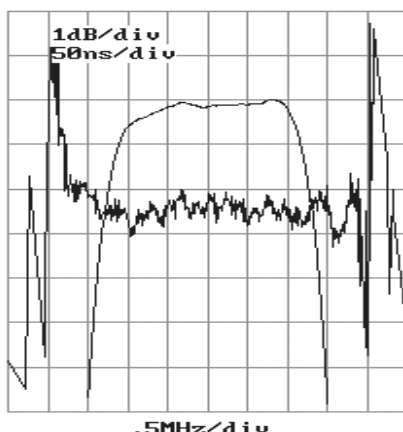
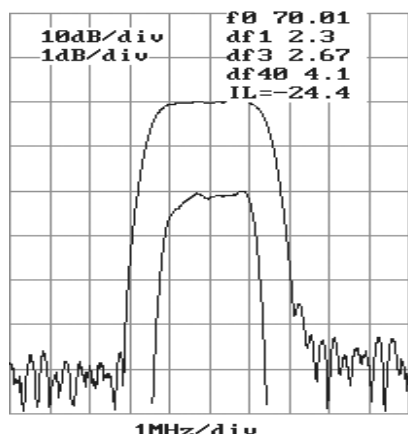
Complies with Directive 2002/95/EC (RoHS Compliant)

BP60340

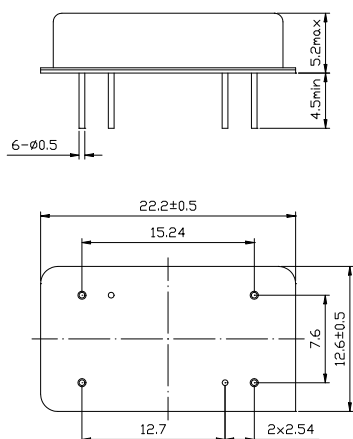
Specifications

Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	f_c	69.92	70	70.08	MHz
Insertion Loss at f_c	IL	-	23.0	25.0	dB
1 dB Bandwidth	BW_1	2.2	2.38	-	MHz
3 dB Bandwidth	BW_3	2.5	2.64	-	MHz
40dB Bandwidth	BW_{40}	-	3.72	3.95	MHz
Passband Variation	-	-	0.3	0.7	dB
Phase Linearity	-	-	3	5	Deg
Group Delay Variation	-	-	60	100	nsec
Absolute Delay	-	-	2.2	-	μ sec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	112-LiTaO ₃	-	-
Ambient Temperature	T_a	-	25	-	°C

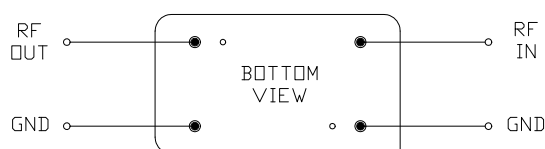
Typical Performance



Package Outline



Matching Configuration



No Matching Required

Nominal Source/Load Impedance : 50 Ω

Note: Component values may change depending on board