

70 MHz Bandpass SAW Filter

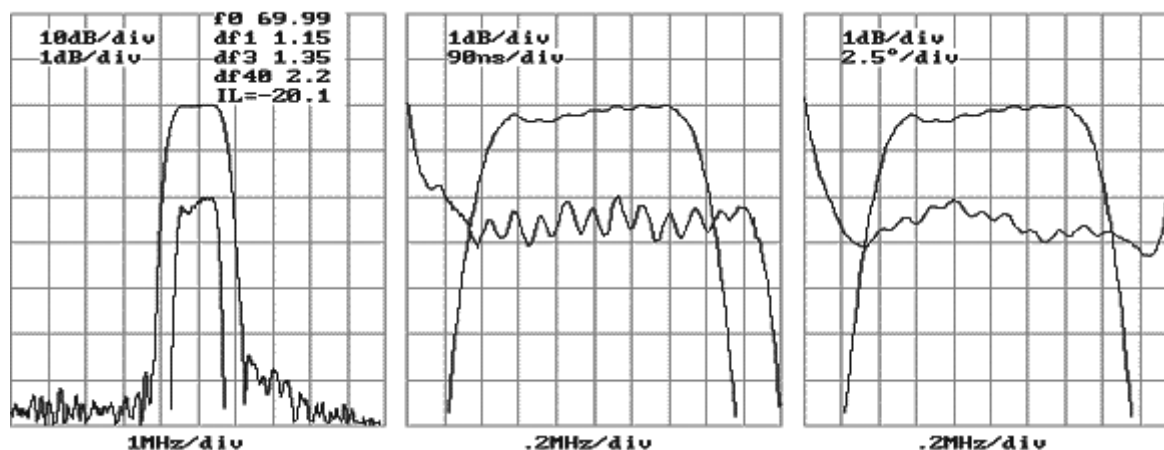
1 MHz Bandwidth

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

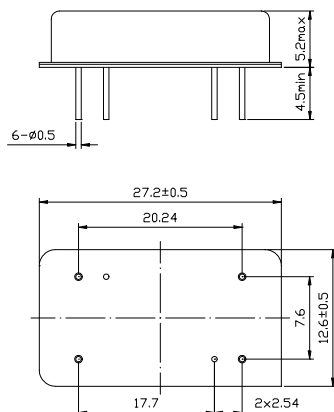
BP60370

Specifications					
Parameter	Sym	Minimum	Typical	Maximum	Unit
Center Frequency at 25°C	f_c	69.93	70	70.07	MHz
Insertion Loss at f_c	IL	-	20.8	24.0	dB
1 dB Bandwidth	BW_1	0.9	1.0	-	MHz
3 dB Bandwidth	BW_3	1.0	1.2	-	MHz
40dB Bandwidth	BW_{40}	-	2.1	2.3	MHz
Passband Variation	-	-	0.3	0.5	dB
Phase Linearity	-	-	1.2	4.0	Deg
Group Delay Variation	-	-	65	150	nsec
Absolute Delay	-	-	3.24	-	μ sec
Ultimate Rejection	-	50	55	-	dB
Substrate Material	-	-	Quartz	-	-
Ambient Temperature	T_a	-	25	-	°C

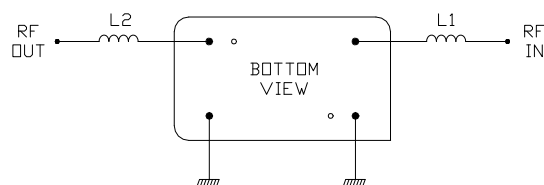
Typical Performance



Package Outline



Matching Configuration



L1 : 220 nH

L2 : 220 nH

Nominal Source/Load Impedance : 50 Ω

Note: Component values may change depending on board layout.