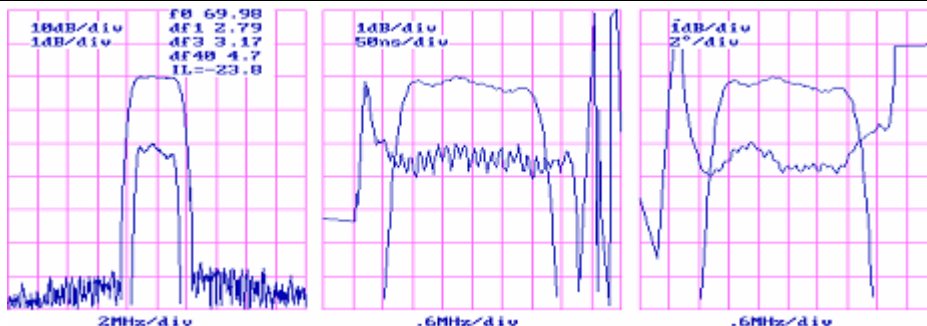




LBS7033 SAW Filter Electrical Characteristic

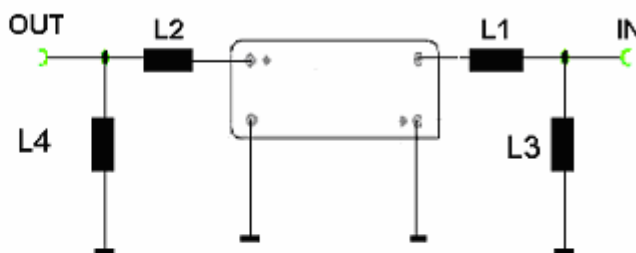
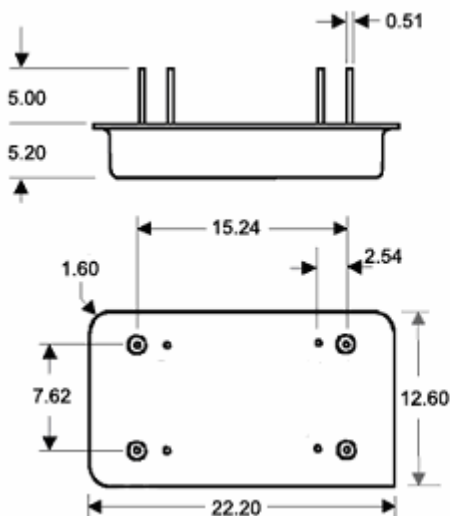
<i>Specifications</i>				
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.91	70	70.09
Insertion Loss	dB		23.8	26
1 dB Bandwidth	MHz	2.5	2.7	
3 dB Bandwidth	MHz	3	3.1	
40 dB Bandwidth	MHz		4.6	4.9
Passband Variation	dB		0.45	0.8
Phase Linearity	degrees		2	8
Group Delay Variation	nsec		45	90
Absolute Delay	usec		2.7	
Ultimate Rejection	dB	50	60	
Substrate Material		Quartz		
Ambient Temperature	° C	25		
Package Size	DIP2212 (22.2x12.6x5.2mm ³)			

Typical Performance



Package Outline

Matching Configuration



L1=438nH L2=370nH

L3=100nH L4=100nH

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.