

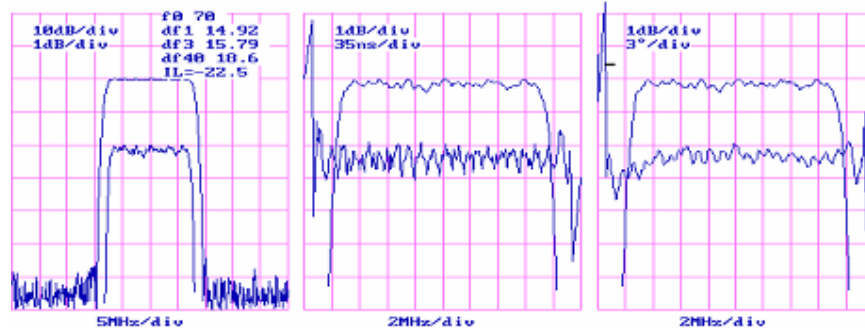


LBN7014 SAW Filter Electrical Characteristic

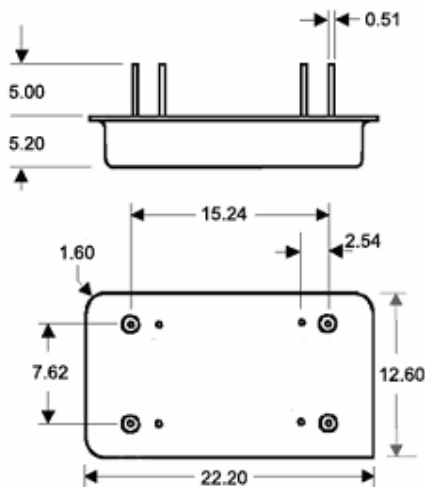
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.8	70	70.2
Insertion Loss	dB		22.5	25
1 dB Bandwidth	MHz	14.6	14.9	
3 dB Bandwidth	MHz	15.0	15.7	
40 dB Bandwidth	MHz		18.6	19.2
Passband Variation	dB		0.3	0.7
Phase Linearity	degrees		3	5
Group Delay Variation	nsec		35	60
Absolute Delay	usec		1.5	
Ultimate Rejection	dB	50	60	
Substrate Material		128-LiNbO ₃		
Ambient Temperature	° C	25		
Package Size		DIP2212 (22.2x12.6x5.2mm ³)		

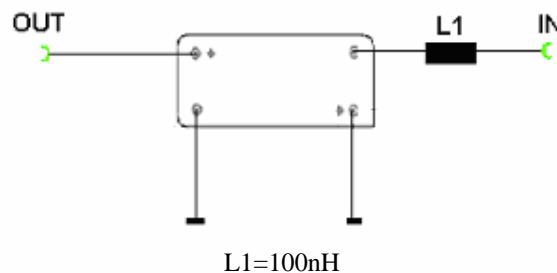
Typical Performance



Package Outline



Matching Configuration



Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.