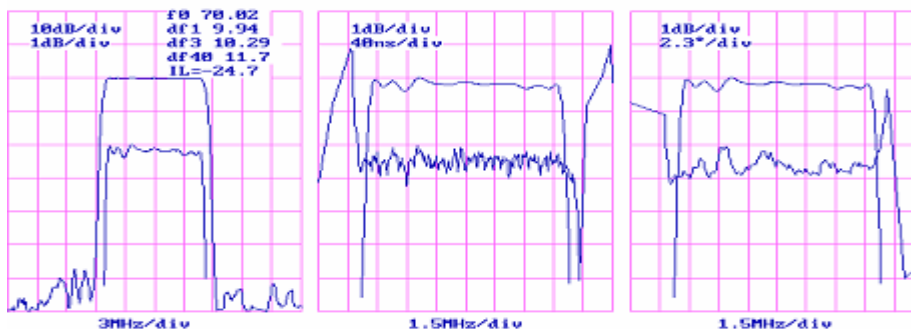




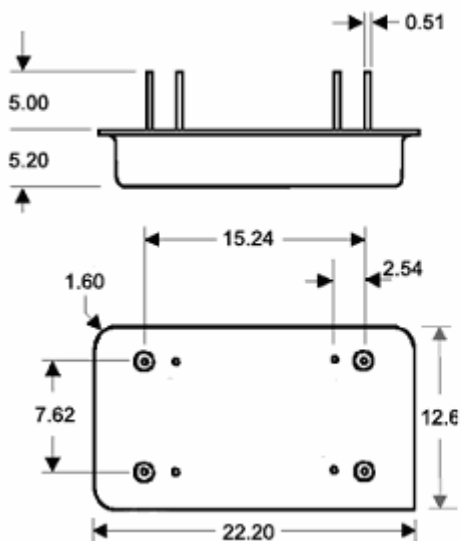
## LBN7019 SAW Filter Electrical Characteristic

<i>Specifications</i>				
Parameter	Unit	Minimum	Typical	Maximum
<b>Center Frequency</b>	MHz	69.85	70	70.15
<b>Insertion Loss</b>	dB		24.7	26
<b>1 dB Bandwidth</b>	MHz	9	9.9	
<b>3 dB Bandwidth</b>	MHz	10	10.2	
<b>40 dB Bandwidth</b>	MHz		11.7	12
<b>Passband Variation</b>	dB		0.3	1
<b>Phase Linearity</b>	degrees		2.3	4
<b>Group Delay Variation</b>	nsec		40	60
<b>Absolute Delay</b>	usec		2.5	
<b>Ultimate Rejection</b>	dB	50	60	
<b>Substrate Material</b>		YZ LiNbO <sub>3</sub>		
<b>Ambient Temperature</b>	° C	25		
<b>Package Size</b>	DIP2212 (22.2x12.6x5.2mm <sup>3</sup> )			

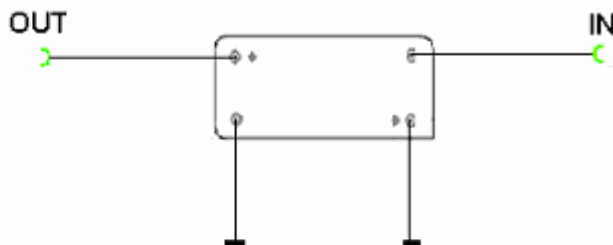
### *Typical Performance*



### *Package Outline*



### *Matching Configuration*



Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.