

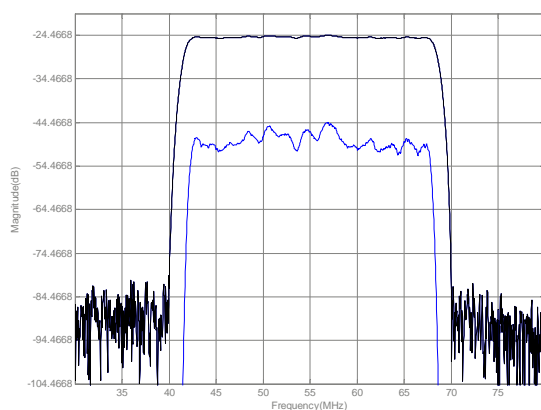


## LBN05501 SAW Filter Electrical Characteristic

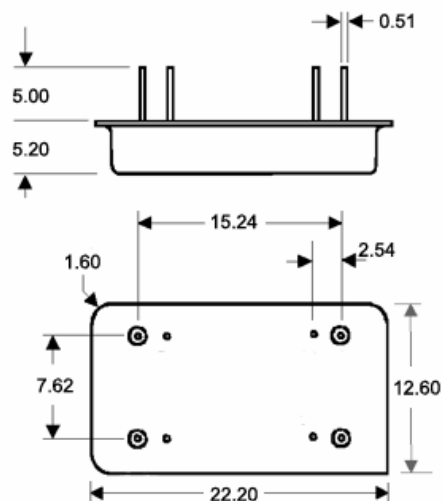
### Specifications

Parameter	Unit	Minimum	Typical	Maximum
<b>Center Frequency</b>	MHz	54.85	55	55.15
<b>Insertion Loss</b>	dB	-	24.46	25
<b>1 dB Bandwidth</b>	MHz	-	25.55	-
<b>3 dB Bandwidth</b>	MHz	26.1	26.48	-
<b>40 dB Bandwidth</b>	MHz	-	29.53	31.0
<b>50 dB Bandwidth</b>	MHz	-	29.82	-
<b>Passband Variation</b>	dB	-	0.8	1.2
<b>Absolute Delay</b>	usec	-	1.88	-
<b>Ultimate Rejection</b>	dB	50	55	-
<b>Substrate Material</b>		128 LiNbO3		
<b>Ambient Temperature</b>	°C	25		
<b>Package Size</b>		DIP2212 (22.7x12.7x5.2mm <sup>3</sup> )		

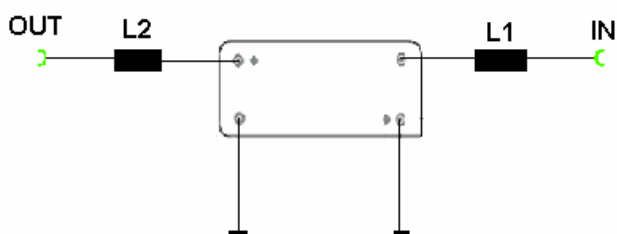
### Typical Performance



### Package Outline



### Matching Configuration



L1=387nH L2=430nH

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.