

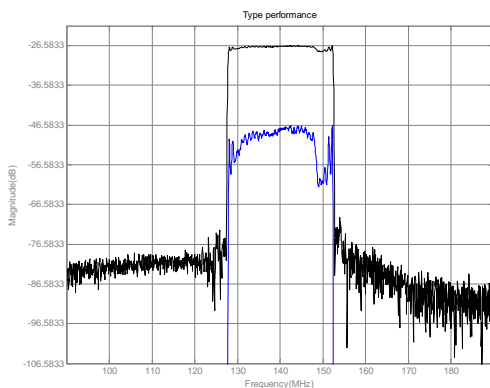


## LBN14046 SAW Filter Electrical Characteristic

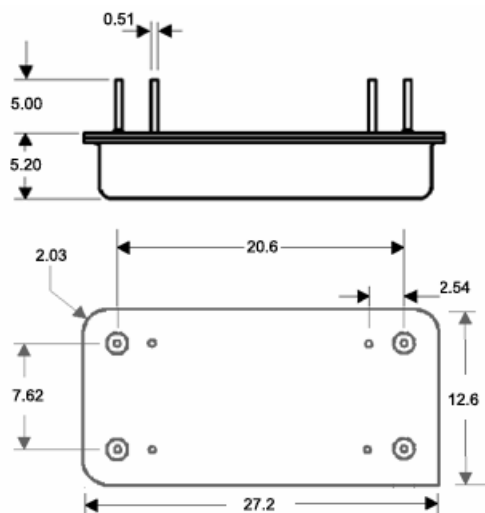
### Specifications

Parameter	Unit	Minimum	Typical	Maximum
<b>Center Frequency</b>	MHz	139.875	140	140.125
<b>Insertion Loss</b>	dB	-	26.2	28
<b>2 dB Bandwidth</b>	MHz	24.2	24.36	-
<b>3 dB Bandwidth</b>	MHz	-	24.5	25
<b>20 dB Bandwidth</b>	MHz	-	25.08	25.2
<b>30 dB Bandwidth</b>	MHz	-	25.2	25.4
<b>40 dB Bandwidth</b>	MHz	-	25.38	25.8
<b>Passband Variation</b>	dB	-	1.8	2
<b>Absolute Delay</b>	usec	-	2.803	-
<b>Ultimate Rejection</b>	dB	40	42	-
<b>Substrate Material</b>		YZ LN		
<b>Ambient Temperature</b>	°C	25		
<b>Package Size</b>		DIP2712 (27.2x12.7x5.2mm <sup>3</sup> )		

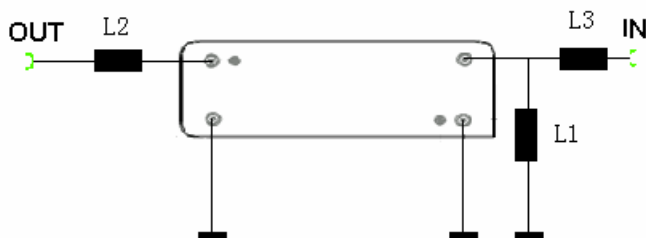
### Typical Performance



### Package Outline



### Matching Configuration



$L1=L3=56nH$

$L2=47nH$

**Source/Load Impedance=50 ohm**

Notes - Component values may change depending on board layout.