

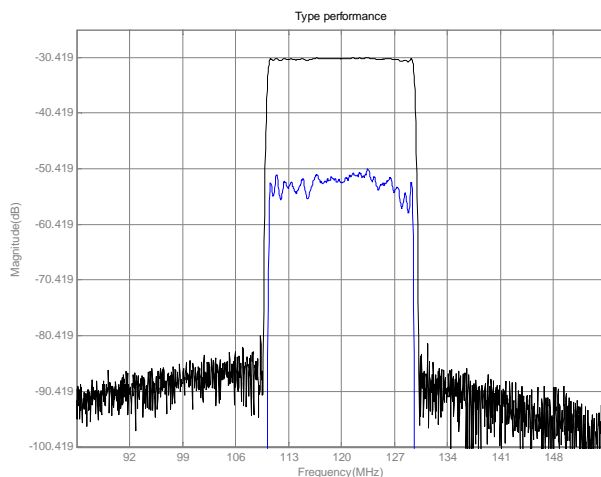


## LBT12013 SAW Filter Electrical Characteristic

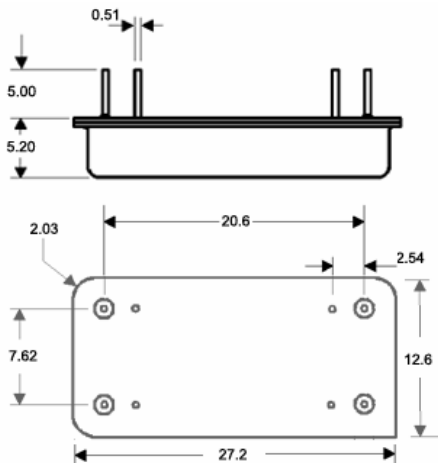
### Specifications

Parameter	Unit	Minimum	Typical	Maximum
<b>Center Frequency</b>	MHz	119.9	120	120.1
<b>Insertion Loss</b>	dB	-	30.5	33
<b>3 dB Bandwidth</b>	MHz	19.2	19.3	-
<b>15 dB Bandwidth</b>	MHz	-	19.8	20
<b>40 dB Bandwidth</b>	MHz	-	20.3	23
<b>Passband Variation</b>	dB	-	0.8	1
<b>Absolute Delay</b>	usec	-	3.86	4
<b>Ultimate Rejection</b>	dB	50	53	-
<b>Substrate Material</b>		112 LiTaO3		
<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=68nH L2=47nH

L3=L4=100nH

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.