

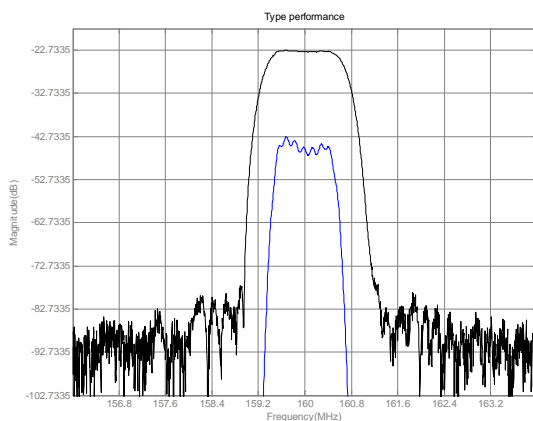


## LBS16012 SAW Filter Electrical Characteristic

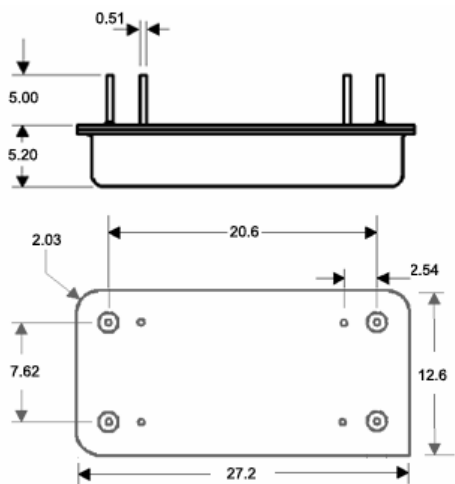
### Specifications

Parameter	Unit	Minimum	Typical	Maximum
<b>Center Frequency</b>	MHz	159.9	160	160.10
<b>Insertion Loss</b>	dB	-	22.945	25
<b>3 dB Bandwidth</b>	MHz	1.2	1.281	1.32
<b>30 dB Bandwidth</b>	MHz	-	1.944	2
<b>40 dB Bandwidth</b>	MHz	-	2.036	2.1
<b>50 dB Bandwidth</b>	MHz	-	2.1	2.5
<b>Passband Variation</b>	dB	-	0.5	1
<b>Absolute Delay</b>	usec	-	3.34	3.5
<b>Ultimate Rejection</b>	dB	55	60	-
<b>Substrate Material</b>		quartz		
<b>Ambient Temperature</b>	°C	25		
<b>Package Size</b>		DIP2712 (27.2x12.7x5.2mm <sup>3</sup> )		

### Typical Performance



### Package Outline



### Matching Configuration



$L1 = 10\text{nH}$

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.