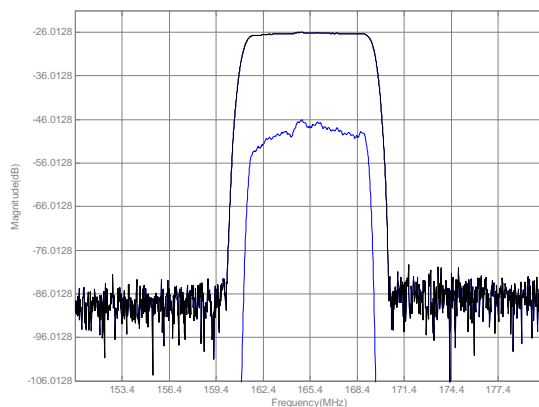




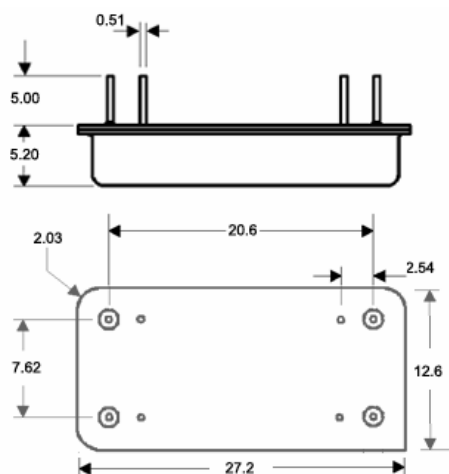
## LBT16501 SAW Filter Electrical Characteristic

<i>Specifications</i>				
Parameter	Unit	Minimum	Typical	Maximum
<b>Center Frequency</b>	MHz	165.25	165.4	165.55
<b>Insertion Loss</b>	dB	-	26	27
<b>1 dB Bandwidth</b>	MHz	7.5	7.59	-
<b>3 dB Bandwidth</b>	MHz	8	8.15	-
<b>40 dB Bandwidth</b>	MHz	-	9.99	10
<b>50 dB Bandwidth</b>	MHz	-	10.18	-
<b>Passband Variation</b>	dB	-	0.6	1.0
<b>Absolute Delay</b>	usec	-	1.98	3
<b>Ultimate Rejection</b>	dB	50	55	-
<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*



$$L1=L2=27\text{nH} \quad C1=C2=36\text{pF}$$

**Source/Load Impedance=50 ohm**

Notes - Component values may change depending on board layout.