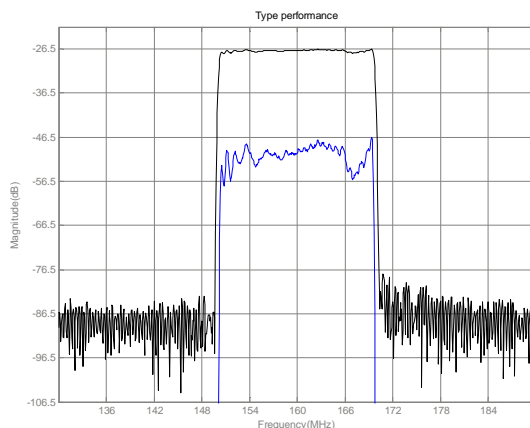




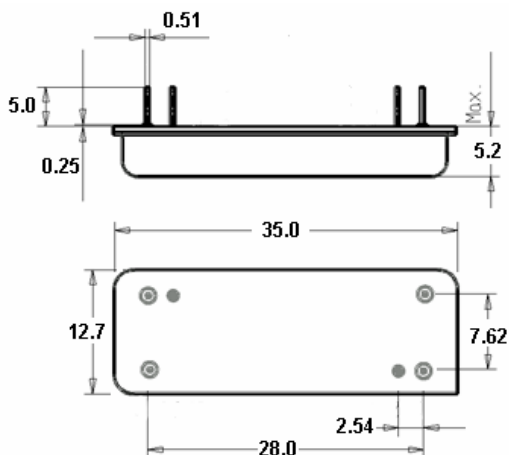
## LBN16006 SAW Filter Electrical Characteristic

<i>Specifications</i>				
Parameter	Unit	Minimum	Typical	Maximum
<b>Center Frequency</b>	MHz	159.9	160	160.1
<b>Insertion Loss</b>	dB	-	26.5	28
<b>1 dB Bandwidth</b>	MHz	-	18.70	-
<b>3 dB Bandwidth</b>	MHz	19.4	19.49	-
<b>40 dB Bandwidth</b>	MHz	-	20.45	-
<b>50 dB Bandwidth</b>	MHz	-	20.57	20.6
<b>Passband Variation</b>	dB	-	0.9	1.5
<b>Absolute Delay</b>	usec	-	2.83	3.0
<b>Ultimate Rejection</b>	dB	50	55	-
<b>Substrate Material</b>		YZ LiNbO3		
<b>Ambient Temperature</b>	°C	25		
<b>Package Size</b>		DIP3512 (35.0x12.7x5.2mm <sup>3</sup> )		

### *Typical Performance*



### *Package Outline*



### *Matching Configuration*



L1 = 100nH

Source/Load Impedance = 50 ohm

Notes - Component values may change depending on board layout.