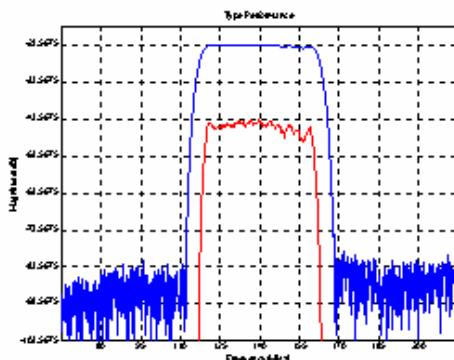




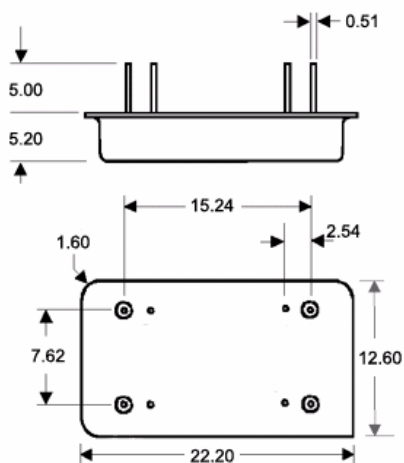
## LBN14006 SAW Filter Electrical Characteristic

<i>Specifications</i>				
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.75	140	140.25
Insertion Loss	dB		23	25
1 dB Bandwidth	MHz	41.4	41.8	
3 dB Bandwidth	MHz	44	44.5	
40dB Bandwidth	MHz		54.28	55
Passband variation	dB		0.58	0.7
Phase Linearity	degrees		4.7	6
Group Delay variation	nsec		9	30
Absolute Delay	usec		0.988	
Ultimate Rejection	dB	50	55	
Substrate Material	128 LiNbO <sub>3</sub>			
Ambient Temperature	°C	25		
Package Size	DIP2212 (22.1x12.7x5.2mm <sup>3</sup> )			

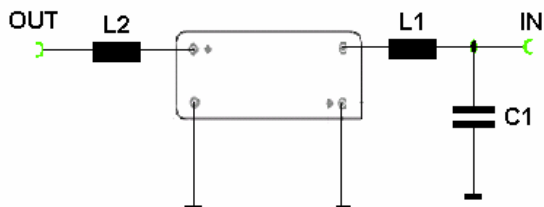
### *Typical Performance*



### *Package Outline*



### *Matching Configuration*



L1 = 82nH    L2 = 56 + 27 = 83nH

C1 = 20pF

Source/Load Impedance = 50 ohm

Notes - Component values may change depending on board layout.