

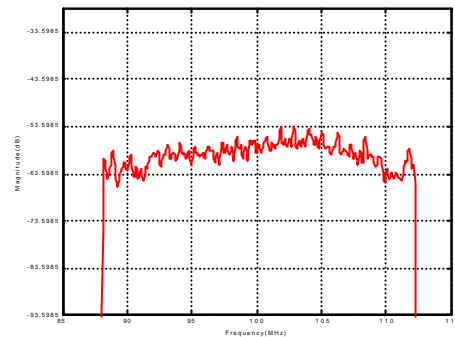
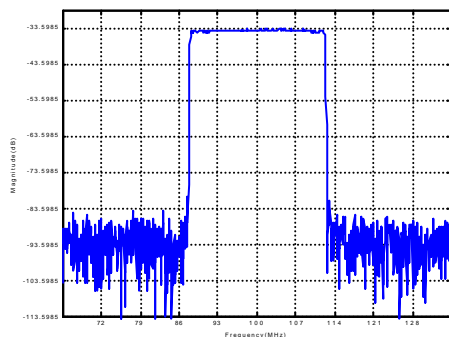


LBN10005 SAW Filter Electrical Characteristic

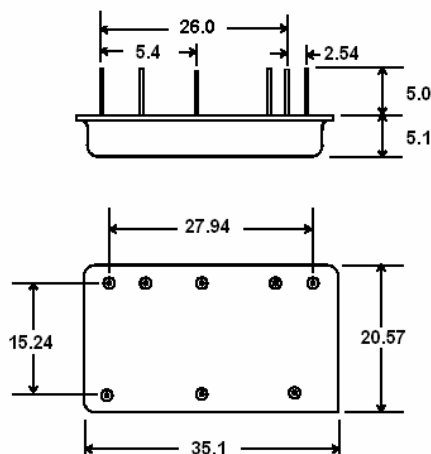
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	99.85	100	100.15
Insertion Loss	dB		33.5	35
1.5 dB Bandwidth	MHz	23.8	24.0	
3 dB Bandwidth	MHz	24	24.14	
30 dB Bandwidth	MHz		24.74	24.8
45 dB Bandwidth	MHz		24.91	25.2
50 dB Bandwidth	MHz		24.95	26
Passband variation	dB		1.2	1.5
Group Delay Variation	nsec		50	200
Phase Linearity	degree		7	10
Absolute Delay	usec		3.739	4
Ultimate Rejection	dB	45	50	
Substrate Material		YZ LN		
Ambient Temperature	°C	25		
Package Size		DIP3520 (35.1x20.6x5.2mm ³)		

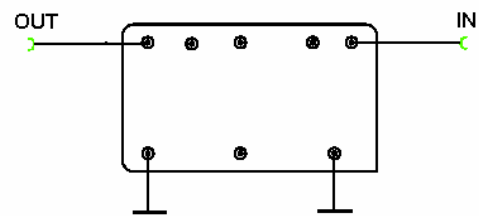
Typical Performance



Package Outline



Matching Configuration



Source/Load Impedance = 50 ohm