

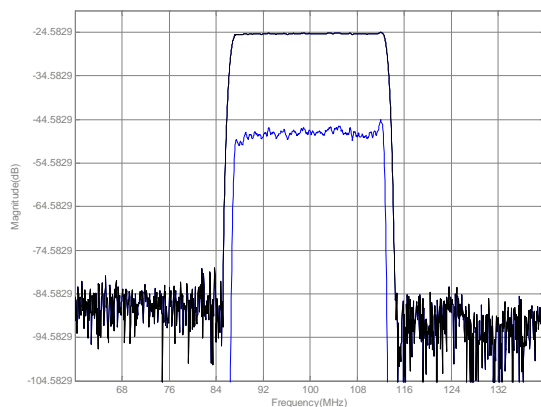


LBN10008 SAW Filter Electrical Characteristic

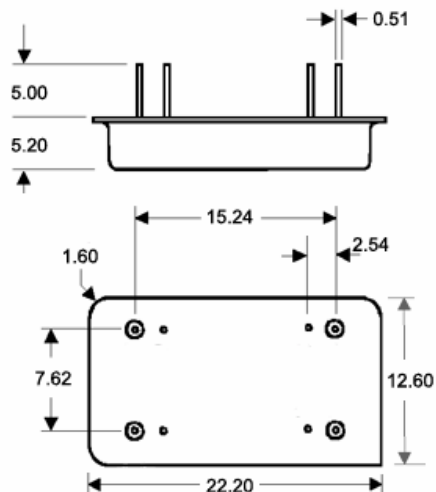
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	99.85	100	100.15
Insertion Loss	dB	-	24.5	25
1 dB Bandwidth	MHz	-	25.54	-
3 dB Bandwidth	MHz	26.1	26.21	-
40 dB Bandwidth	MHz	-	28.73	28.9
50 dB Bandwidth	MHz	-	29.01	-
Passband Variation	dB	-	0.6	1.0
Absolute Delay	usec	-	1.59	-
Ultimate Rejection	dB	50	55	-
Substrate Material		128 LiNbO3		
Ambient Temperature	°C	25		
Package Size		DIP2212 (22.7x12.7x5.2mm ³)		

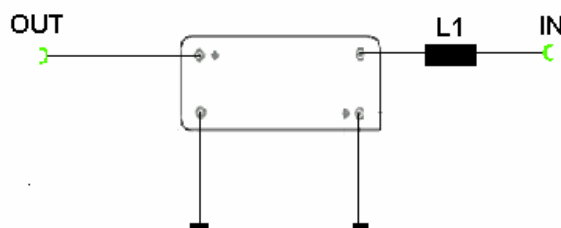
Typical Performance



Package Outline



Matching Configuration



L1 = 160nH

Source/Load Impedance = 50 ohm

Notes - Component values may change depending on board layout.