

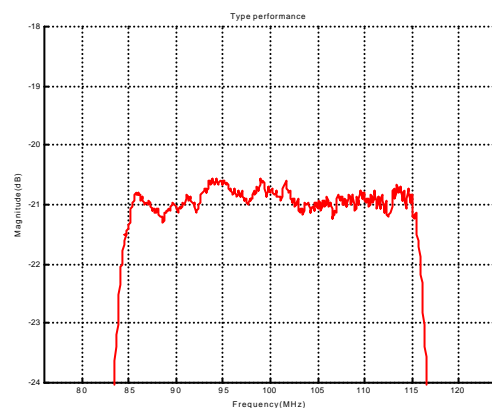
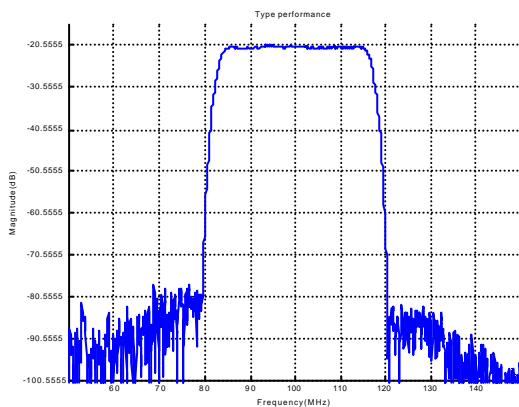


LBN10006 SAW Filter Electrical Characteristic

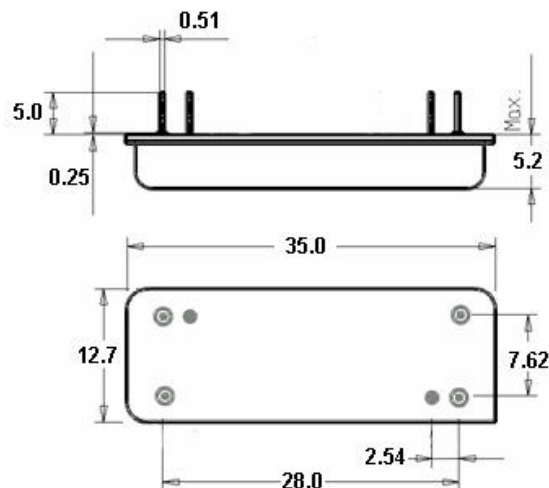
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	99.9	100	100.1
Insertion Loss	dB		20.55	25
1 dB Bandwidth	MHz	30	31.05	
3 dB Bandwidth	MHz		32.91	
50 dB Bandwidth	MHz		40.34	41
Passband variation	dB		0.5	1.0
Absolute Delay	usec		1.28	
Ultimate Rejection	dB	55	60	
Substrate Material		128 LN		
Ambient Temperature	°C	25		
Package Size	DIP2212 (22.7x12.7x5.2mm ³)			

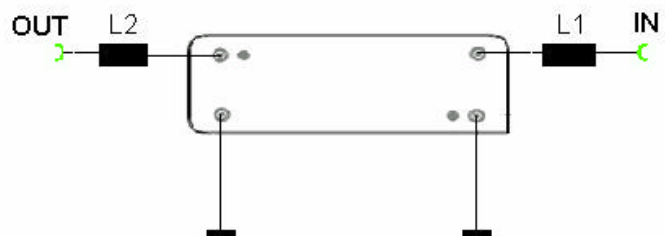
Typical Performance



Package Outline



Matching Configuration



$$L1=247\text{nH} \quad L2=280\text{nH}$$

Source/Load Impedance = 50 ohm