

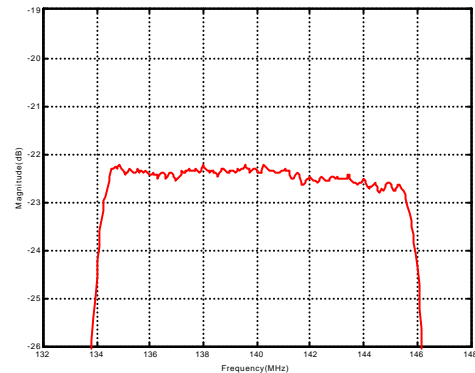
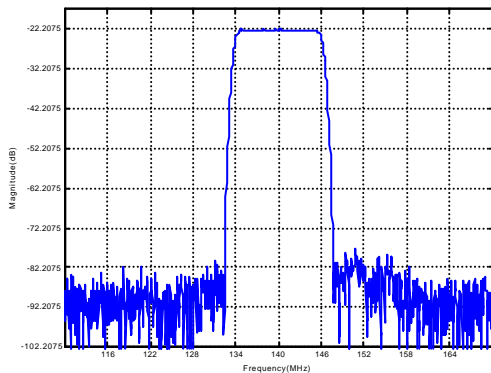


LBN14035 SAW Filter Electrical Characteristic

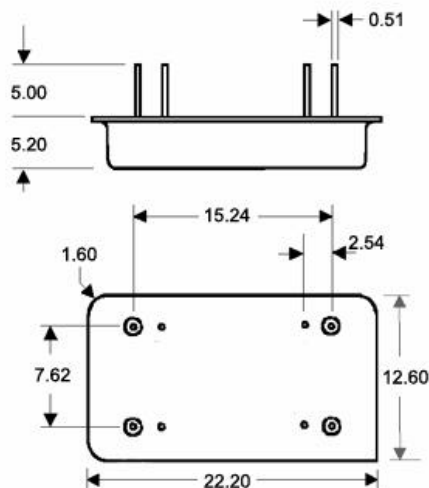
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.8	140	140.2
Insertion Loss	dB	-	22	25
1 dB Bandwidth	MHz	11.10	11.45	-
3 dB Bandwidth	MHz	12.00	12.18	-
40 dB Bandwidth	MHz	-	14.70	15.00
50 dB Bandwidth	MHz	-	14.97	15.50
Passband Variation	dB	-	0.5	0.8
Phase Linearity	degrees	-	4.56	15
Group Delay Variation	nsec	-	26	80
Absolute Delay	usec	-	1.587	
Ultimate Rejection	dB	50	55	-
Substrate Material		YZ-LiNbO3		
Ambient Temperature	°C	25		
Center Frequency	DIP2212 (22.1x12.7x5.2mm ³)			

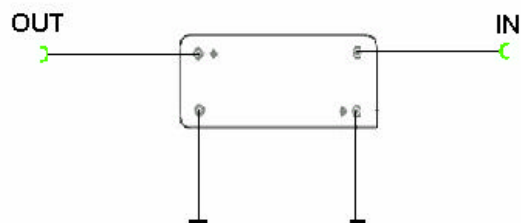
Typical Performance



Package Outline



Matching Configuration



Source/Load Impedance = 50 ohm