

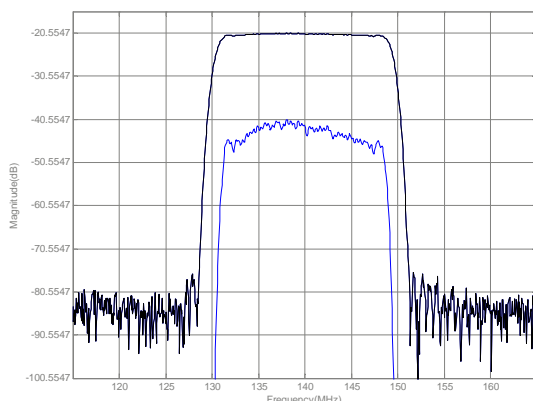


LBN14013 SAW Filter Electrical Characteristic

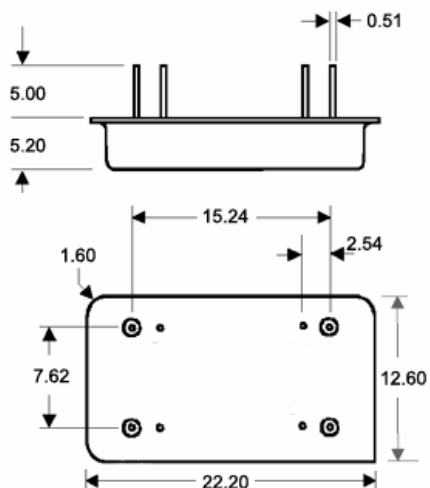
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.8	140	140.2
Insertion Loss	dB	-	20	25
1 dB Bandwidth	MHz	16.8	17.32	-
3 dB Bandwidth	MHz	18	18.49	-
40dB Bandwidth	MHz	-	21.95	22.6
50 dB Bandwidth	MHz	-	22.35	-
Passband Variation	dB	-	0.8	1.0
Group delay Variation	nsec		22	60
Absolute Delay	usec	-	1.26	-
Ultimate Rejection	dB	50	57	-
Substrate Material		128 LiNbO3		
Ambient Temperature	°C	25		
Package Size		DIP2212 (22.1x12.7x5.2mm ³)		

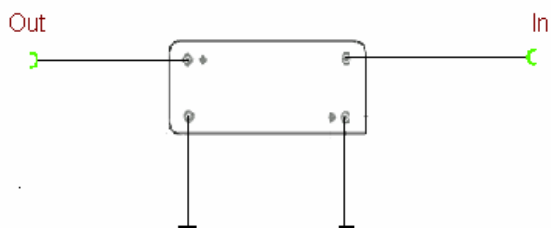
Typical Performance



Package Outline



Matching Configuration



Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.