

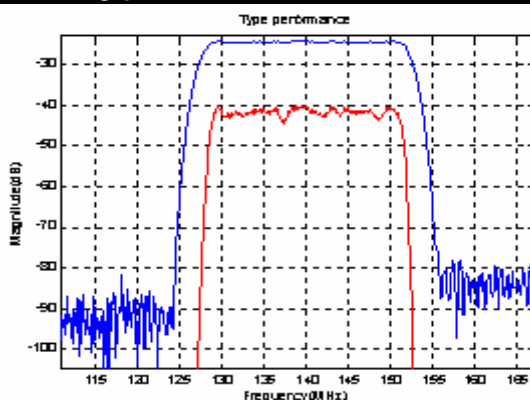


## LBN14011 SAW Filter Electrical Characteristic

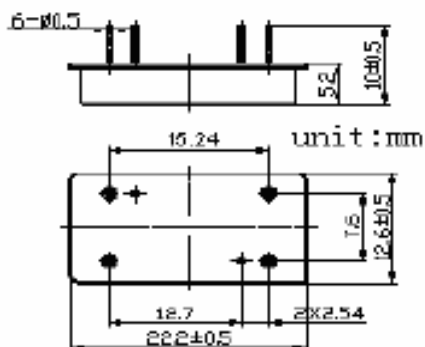
### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.75	140	140.25
Insertion Loss	dB	-	24.7	26.5
1 dB Bandwidth	MHz	22.5	22.9	-
3 dB Bandwidth	MHz	24	24.3	-
40dB Bandwidth	MHz	-	29.96	30.3
Passband variation	dB	-	0.5	0.7
Phase Linearity	degrees	-	4	6
Group Delay variation	nsec	-	15	35
Absolute Delay	usec	-	1.199	-
Ultimate Rejection	dB	50	55	-
Substrate Material	128-LiNbO3			
Ambient Temperature	° C	25		
Package Size	DIP2212 (22.2*12.6*5.2mm <sup>3</sup> )			

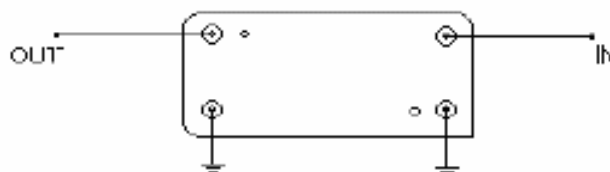
### Typical Performance



### Package Outline



### Matching Configuration



Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.