

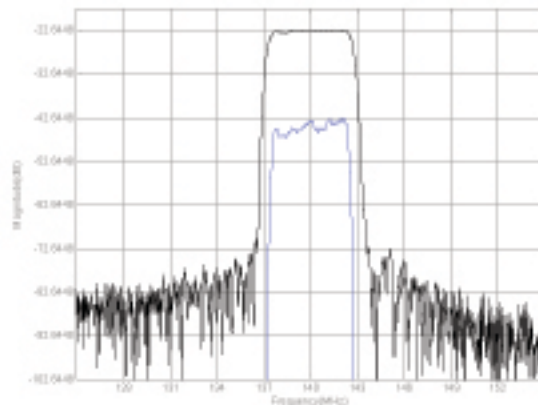


LBS14040 SAW Filter Electrical Characteristic

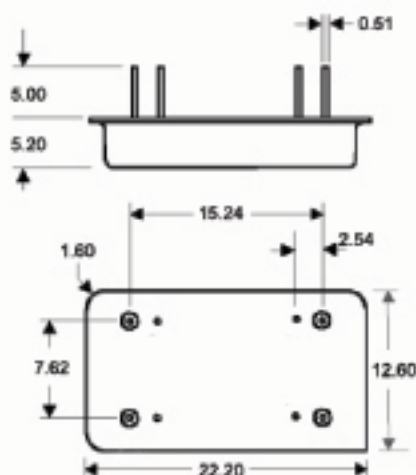
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.90	140	140.10
Insertion Loss	dB	-	22.5	25
1 dB Bandwidth	MHz	4.7	4.90	-
3 dB Bandwidth	MHz	5.0	5.30	-
40 dB Bandwidth	MHz	-	6.70	7.0
50 dB Bandwidth	MHz	-	7.04	-
Passband Variation	dB	-	0.4	1.0
Absolute Delay	usec	-	2.25	-
Ultimate Rejection	dB	50	53	-
Substrate Material		Quartz		
Ambient Temperature	°C	25		
Package Size		DIP2212 (22.1x12.7x5.2mm ³)		

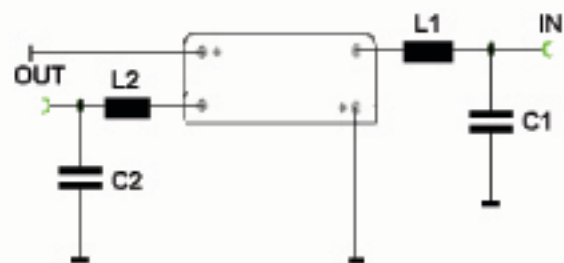
Typical Performance



Package Outline



Matching Configuration



L1=121nH L2=110nH C1=C2=51pF

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.