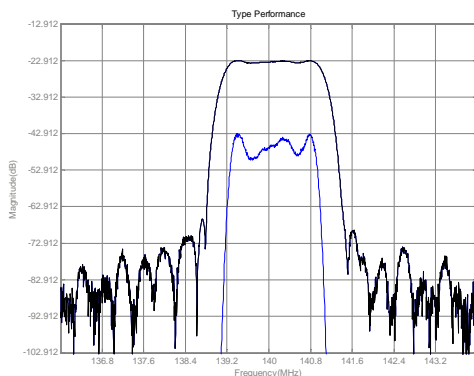




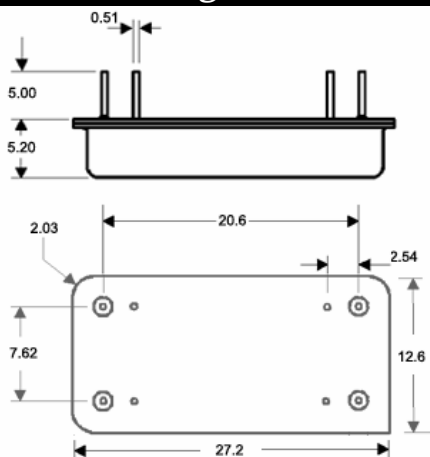
LBS14054 SAW Filter Electrical Characteristic

<i>Specifications</i>				
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.95	140	140.05
Insertion Loss	dB	-	22	25
1.5 dB Bandwidth	MHz	1.7	1.72	-
20 dB Bandwidth	MHz	-	2.35	2.4
25 dB Bandwidth	MHz	-	2.42	2.8
30 dB Bandwidth	MHz	-	2.48	3.2
40 dB Bandwidth	MHz	-	2.58	4.5
Passband Variation	dB	-	0.8	1
Phase Linearity <i>(over 1.5dB passband)</i>	degrees		3	5
Absolute Delay	usec	-	2.73	2.75
Ultimate Rejection	dB	43	45	-
Substrate Material		Quartz		
Ambient Temperature	°C	25		
Package Size		DIP2712 (27.2x12.7x5.2mm ³)		

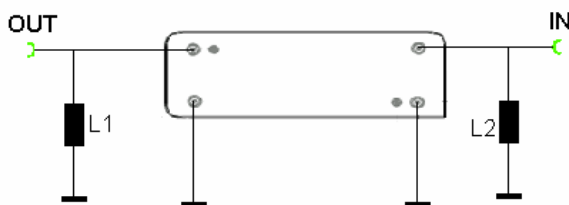
Typical Performance



Package Outline



Matching Configuration



$L1=L2=56nH$

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.