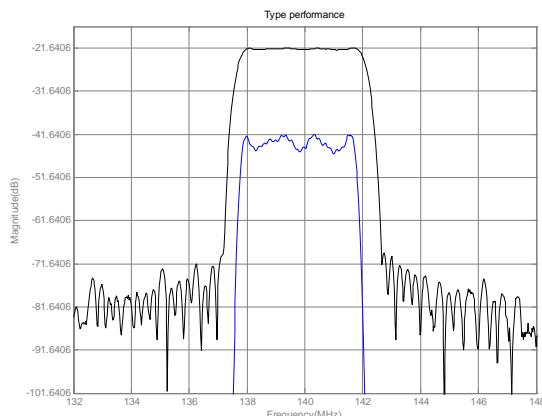




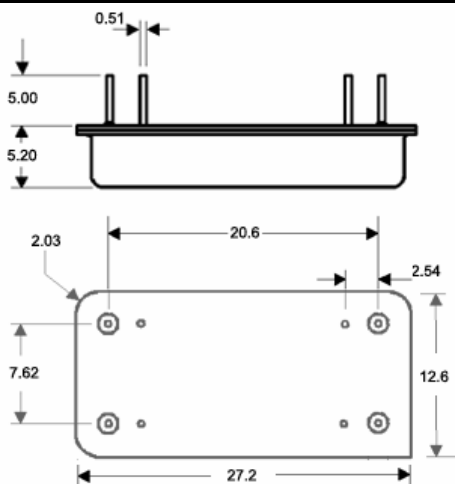
LBS14023 SAW Filter Electrical Characteristic

<i>Specifications</i>				
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.9	140	140.1
Insertion Loss	dB		23	27
1 dB Bandwidth	MHz	4.0	4.10	
3 dB Bandwidth	MHz	4.2	4.32	
40dB Bandwidth	MHz		5.32	5.5
Passband variation	dB		0.5	1.0
Phase Linearity	degrees		3	4.3
Group Delay Variation	nsec		100	200
Absolute Delay	usec		2.6	
Ultimate Rejection	dB	45	50	
Substrate Material		Quartz		
Ambient Temperature	°C	25		
Package Size		DIP2712 (27.2x12.7x5.2mm ³)		

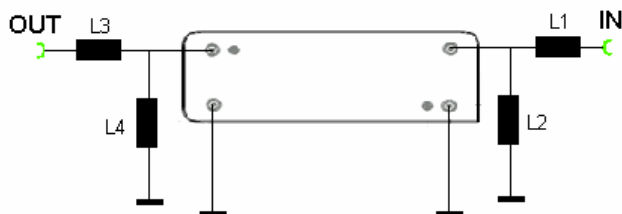
Typical Performance



Package Outline



Matching Configuration



L1 = 180nH L2 = 270nH

L3 = 220nH L4 = 120nH

Source/Load Impedance = 50 ohm

Notes - Component values may change depending on board layout.