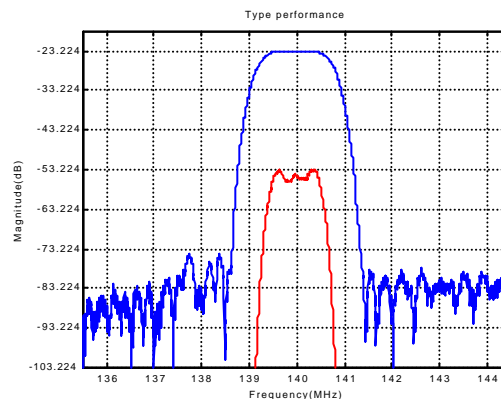




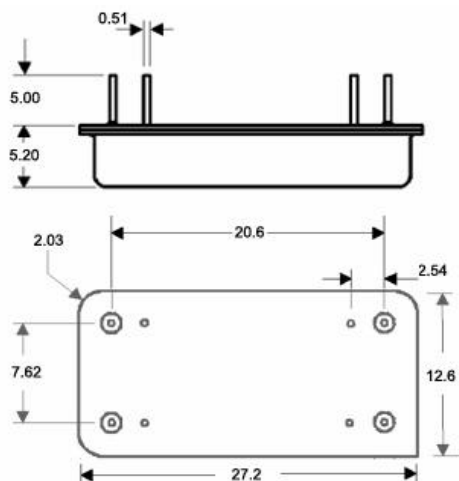
LBS14027 SAW Filter Electrical Characteristic

<i>Specifications</i>				
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.9	140	140.1
Insertion Loss	dB		23.5	25
1 dB Bandwidth	MHz	1.2	1.27	
3 dB Bandwidth	MHz	1.5	1.53	
40 dB Bandwidth	MHz		2.55	2.7
50 dB Bandwidth	MHz		2.65	2.8
Passband Variation	dB		0.2	0.4
Phase Linearity	degrees		2	3
Group Delay Variation	nsec		50	150
Absolute Delay	usec		3.166	
Ultimate Rejection	dB	50	57	
Substrate Material		Quartz		
Ambient Temperature	°C	25		
Center Frequency	DIP2712 (27.2x12.6x5.2mm ³)			

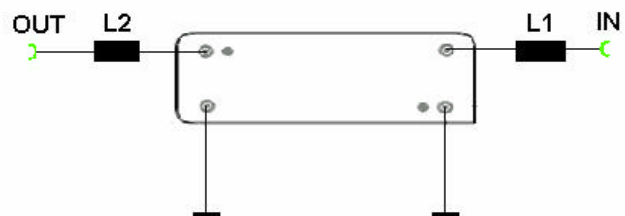
Typical Performance



Package Outline



Matching Configuration



$$L1=33\text{nH} \quad L2=18\text{nH}$$

Source/Load Impedance = 50 ohm