

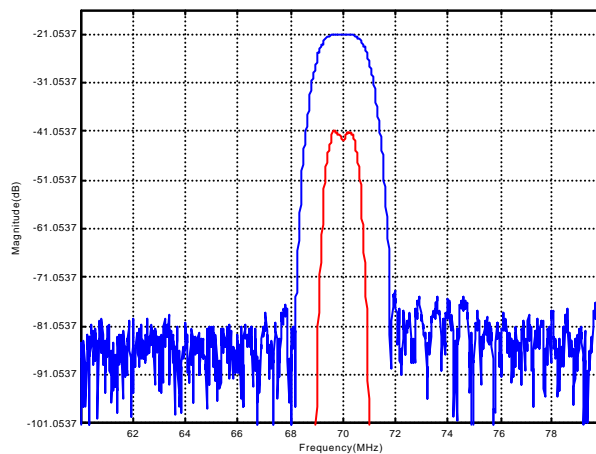


LBS07065 SAW Filter Electrical Characteristic

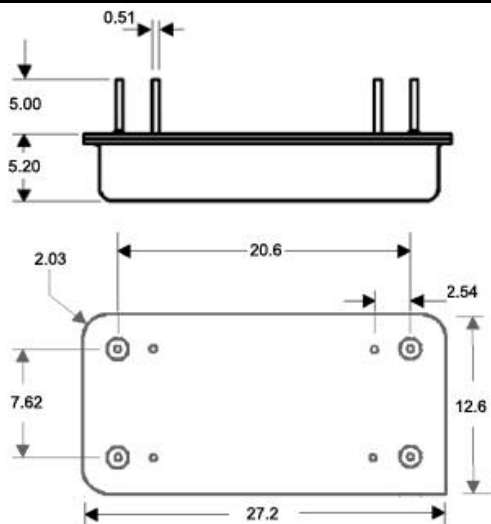
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.9	70	70.1
Insertion Loss	dB		21.05	25
1 dB Bandwidth	MHz	1.23	1.33	
3 dB Bandwidth	MHz	1.50	1.72	
40 dB Bandwidth	MHz		3.35	3.8
Passband variation	dB		0.2	0.6
Absolute Delay	usec		1.88	2
Ultimate Rejection	dB	50	55	
Substrate Material		Quartz		
Ambient Temperature	°C	25		
Package Size	DIP2712 (27.2x12.7x5.2mm ³)			

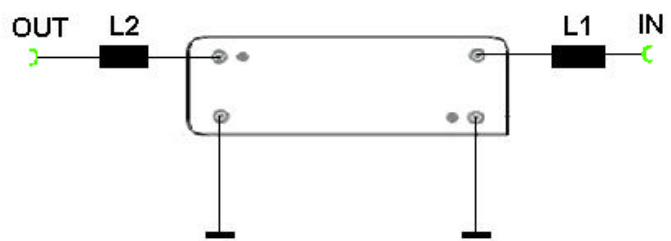
Typical Performance



Package Outline



Matching Configuration



$$L1=L2=470\text{nH}$$

Source/Load Impedance = 50 ohm