

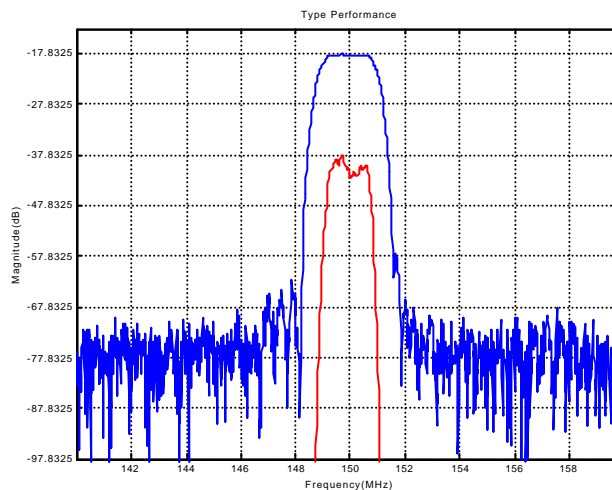


## LBS15001 MHz SAW Filter Electrical Characteristic

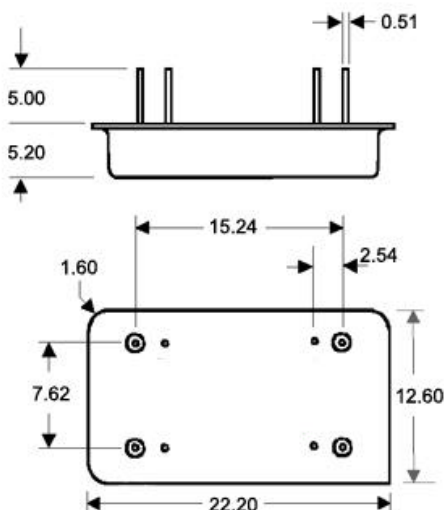
### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	149.9	150	150.1
Insertion Loss	dB		17.83	25
3 dB Bandwidth	MHz	2.0	2.03	
40 dB Bandwidth	MHz		3.27	3.5
Passband variation	dB		0.4	0.8
Absolute Delay	usec		2.2	
Ultimate Rejection	dB	45	50	
Substrate Material		Quartz		
Ambient Temperature	°C	25		
Package Size		DIP2212 (22.2x12.7x5.2mm <sup>3</sup> )		

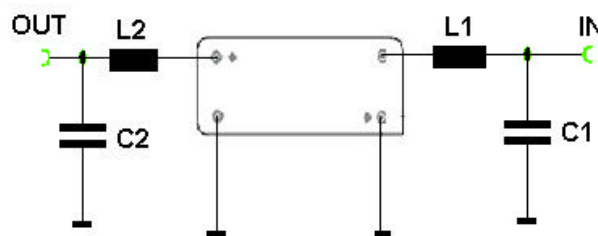
### Typical Performance



### Package Outline



### Matching Configuration



$$L1=56\text{nH} \quad L2=82\text{nH}$$

$$C1=C2=40\text{pF}$$

Source/Load Impedance = 50 ohm