

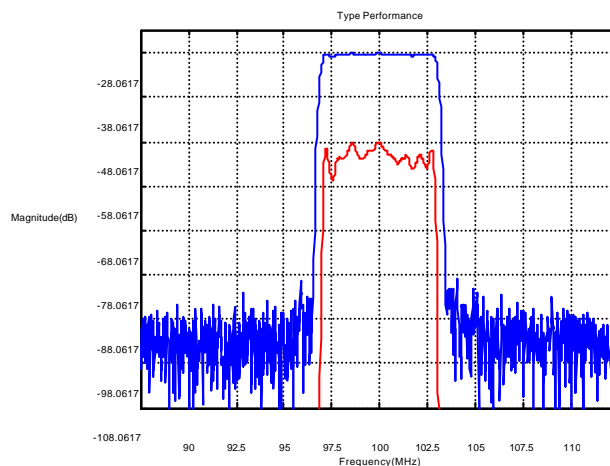


**LBT10003 MHz SAW Filter Electrical Characteristic**

**Specifications**

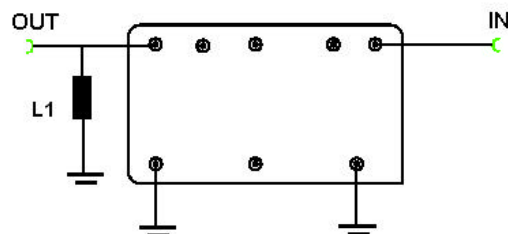
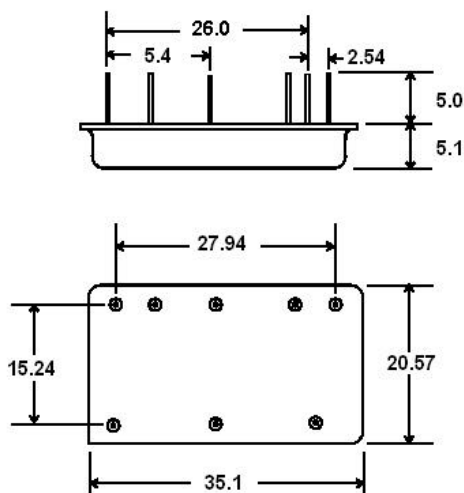
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	99.90	100	100.10
Insertion Loss	dB		28.06	30
3 dB Bandwidth	MHz	6.0	6.05	
35 dB Bandwidth	MHz		6.75	6.8
45 dB Bandwidth	MHz		6.83	7.2
50 dB Bandwidth	MHz		6.87	8.0
Passband variation	dB		0.80	1.0
Absolute Delay	usec		3.90	4
Ultimate Rejection	dB	45	50	
Substrate Material		112 LT		
Ambient Temperature	°C	25		
Package Size		DIP3520 (35.05x20.6x5.2mm <sup>3</sup> )		

**Typical Performance**



**Package Outline**

**Matching Configuration**



L1=68nH

Source/Load Impedance = 50 ohm