



Features


- ◇ For IF SAW filter
- ◇ High attenuation
- ◇ Single-ended operation
- ◇ Dual In-line Package
- ◇ RoHS compliant (2002/95/EC), Pb-free

Specifications

Parameter	Unit	Minimum	Typical	Maximum
<i>Center Frequency</i>	MHz	149.25	149.4	149.55
<i>Insertion Loss</i>	dB	-	24.5	28
<i>3dB Bandwidth</i>	MHz	4.05	4.09	-
<i>30 dB Bandwidth</i>	MHz		4.74	4.8
<i>45dB Bandwidth</i>	MHz	-	4.87	5.25
<i>48dB Bandwidth</i>			4.89	5.85
<i>Passband Variation</i>	dB	-	0.5	1.0
<i>Absolute Delay</i>	usec	-	3.53	4.0
<i>Ultimate Rejection(f0±7MHz)</i>	dB	50	52	-
<i>Material Temperature coefficient</i>	KHz/°C		0.15	
<i>Substrate Material</i>	-		ST-QZ	
<i>Ambient Temperature</i>	°C		25	
<i>Operating Temperature Range</i>	°C	-25	-	+85
<i>Storage Temperature Range</i>	°C	-45	-	+105
<i>DC Voltage</i>	V		0	
<i>Input Power</i>	dBm	-	-	10
<i>ESD Class</i>	-		1C	
<i>Package Size</i>		DIP3512 (35*12.6*5.2mm3)		

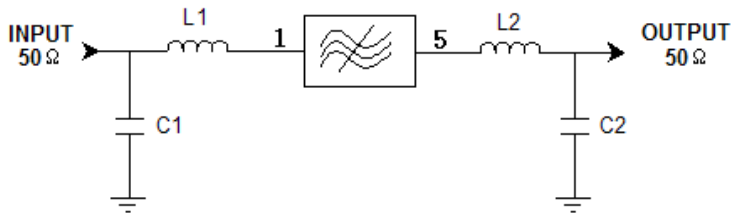
Notes:

1. All specifications are based on the test circuit shown;
2. In production, all specifications are measured by Agilent Network analyzer and full 2 port calibration at room temperature;
3. Electrical margin has been built into the design to account for the variations due to temperature drift and manufacturing tolerances;
4. This is the optimum impedance in order to achieve the performance show.

	SIPAT Co., Ltd. (CETC No.26 Research Institute) #14 Nanping Huayuan Road, Chongqing, China, 400060	Part Number	LBS14901	
		Rev. Date	2012-01-10	
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Matching Configuration

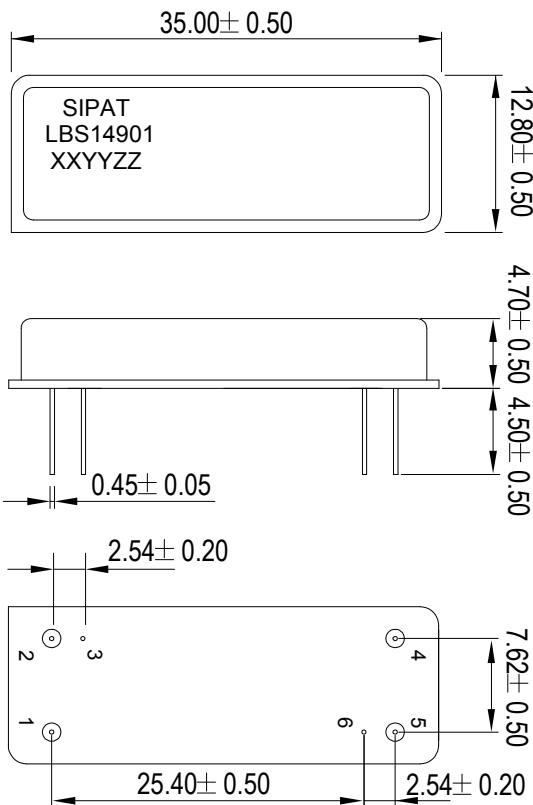
手动测试座



L1=82nH L2=47nH
C1=36pF C2=47pF
Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.

Package Dimension



Pad Configuration:

Input 1
Output 5
Ground 2、3、4、6

Marking Configuration:

- 1) SIPAT: Manufacturer Name
- 2) LBS14901: Part Number
- 3) XXYY: Date(Year/month)
- 4) ZZ: Identified Code

Package: DIP3512

Unit: mm



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Typical Performance

