



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
Center Frequency	MHz	130.8	130.9	131
Insertion Loss	dB		23.4	26
1.5dB Bandwidth	MHz	4.4	4.54	
45dB Bandwidth			5.49	5.6
Passband Variation	dB		0.6	1.2
Ultimate Rejection	dB	50	55	
Absolute Delay	usec		3.99	4.2
Substrate Material		112-LT		
Material Temperature coefficient	KHz/°C	-2.36		
Ambient Temperature	°C	25		
Operating Temperature Range	°C	-25	-	+85
Storage Temperature Range	°C	-45	-	+105
Input Power	dBm	-	-	10
ESD Class	-	1A		
Package Size		DIP3512		

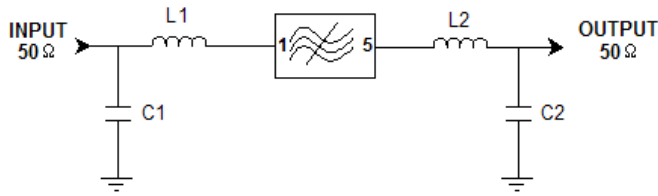
Notes:

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	LBT13101	
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Matching Configuration

手动测试座



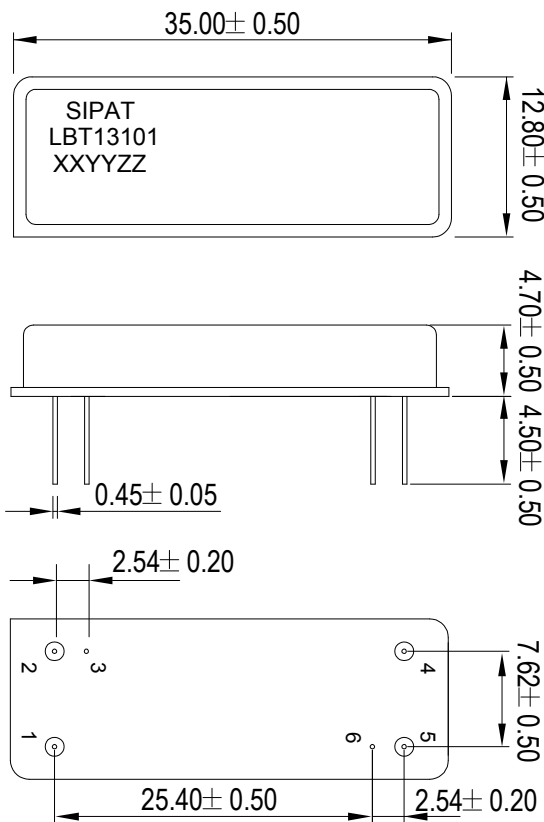
L1=27nH L2=33nH

C1=36pF C2=27pF

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) LBT13101: Part Number
- 3) XXYY: Date(Year/month)
- 4) ZZ: Identified Code

Package: DIP3512

Unit: mm

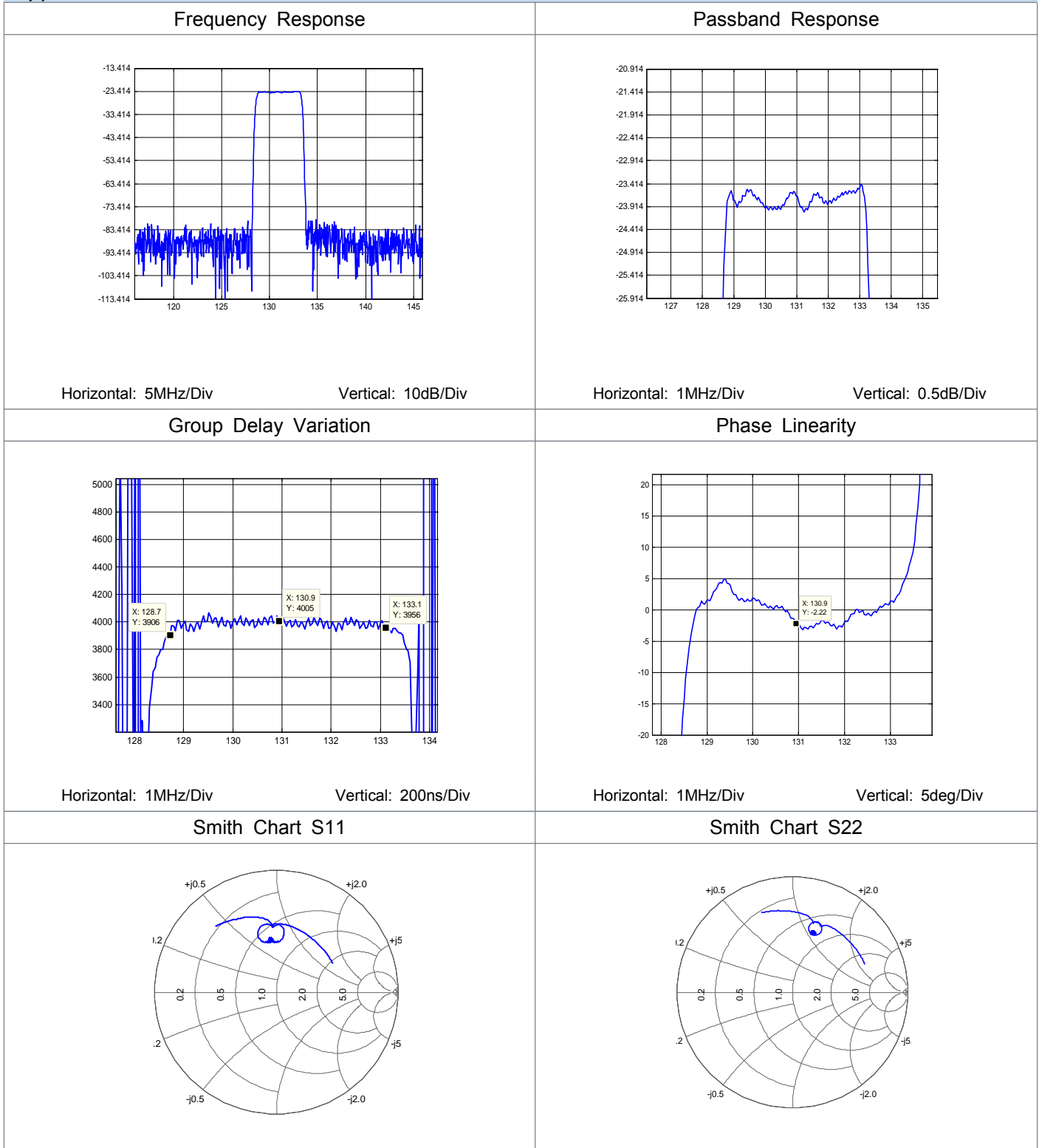


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Typical Performance



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