



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	130.1	130.2	130.3
Insertion Loss	dB	-	23.6	26
3dB Bandwidth	MHz	6.2	6.26	-
30 dB Bandwidth	MHz		6.92	7.0
40dB Bandwidth	MHz	-	7.01	7.3
45dB Bandwidth	MHz		7.04	7.4
50dB Bandwidth			7.08	8.0
Passband Variation	dB	-	0.5	1.2
Absolute Delay	usec	-	3.78	4.0
Ultimate Rejection($f_0 \pm 8.1$ MHz)	dB	50	53	-
Material Temperature coefficient	KHz/°C		-2.34	
Substrate Material	-		112-LT	
Ambient Temperature	°C		25	
Operating Temperature Range	°C	-25	-	+85
Storage Temperature Range	°C	-45	-	+105
DC Voltage	V		0	
Input Power	dBm	-	-	10
ESD Class	-		1A	
Package Size		DIP3512 (35*12.6*5.2mm3)		

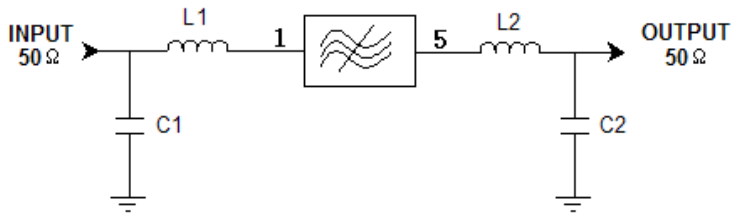
Notes:

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	LBT13013	
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Matching Configuration

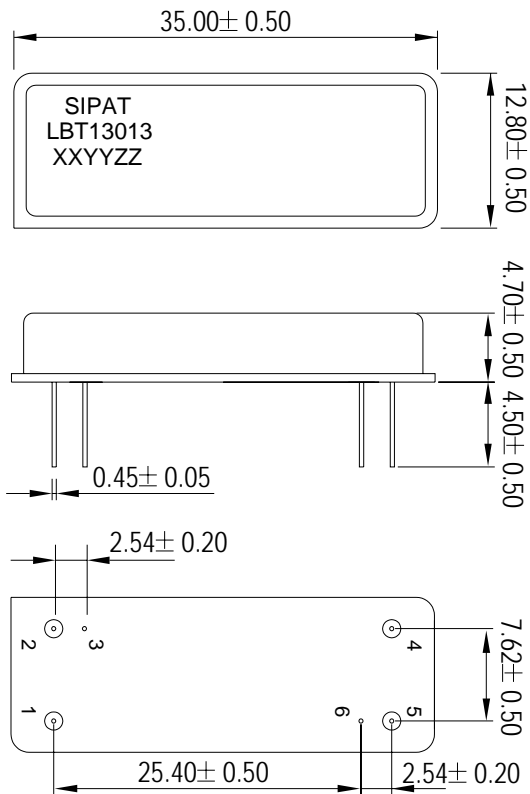
手动测试座



L1=33nH L2=33nH
C1=39pF C2=39pF
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) LBT13013: Part Number
- 3) XXYY: Date(Year/month)
- 4) ZZ: Identified Code

Package: DIP3512

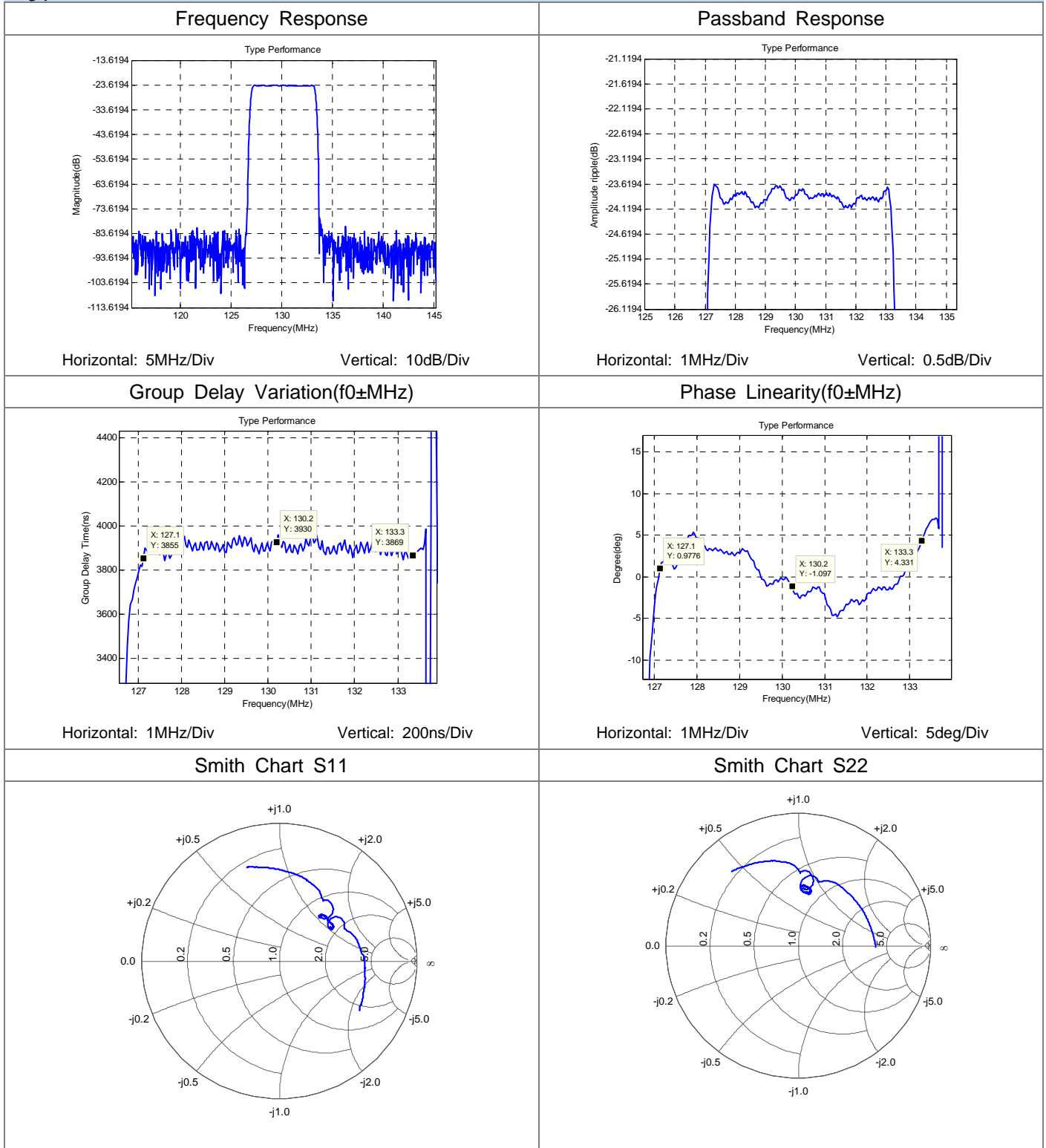
Unit: mm



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Typical Performance



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