



### 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	114.85	115	115.15
Insertion Loss	dB	-	23.2	26
3dB Bandwidth	MHz	9.4	9.45	-
40 dB Bandwidth	MHz	-	10.85	11.0
Passband Variation	dB	-	0.6	1.2
Absolute Delay	usec	-	1.78	2.0
Ultimate Rejection	dB	40	44	-
Material Temperature coefficient	KHz/°C	-2.07		
Substrate Material	-	112LT		
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	SMD13.3*6.5C			

#### 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.

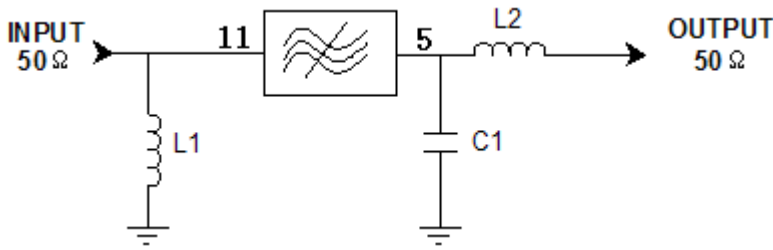


**SIPAT Co., Ltd.**  
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Part Number	LBT11570		
Rev. Date	2011-12-08		
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**Matching Configuration**

手动测试座



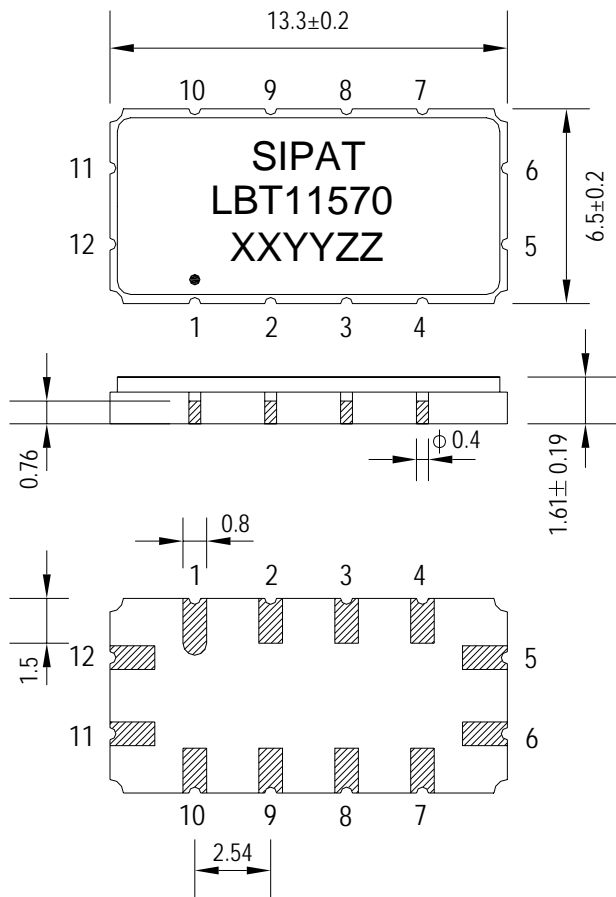
L1=27nH L2=56nH

C1=33pF

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.

**Package Dimension**



**Pad Configuration:**

Input 11

Output 5

Ground All Others

**Marking Configuration:**

- 1) SIPAT: Manufacturer Name
- 2) LBT11570: Part Number
- 3) XXYY: Date Code
- 4) ZZ: Identified Code

**Package: SMD13.3\*6.5**

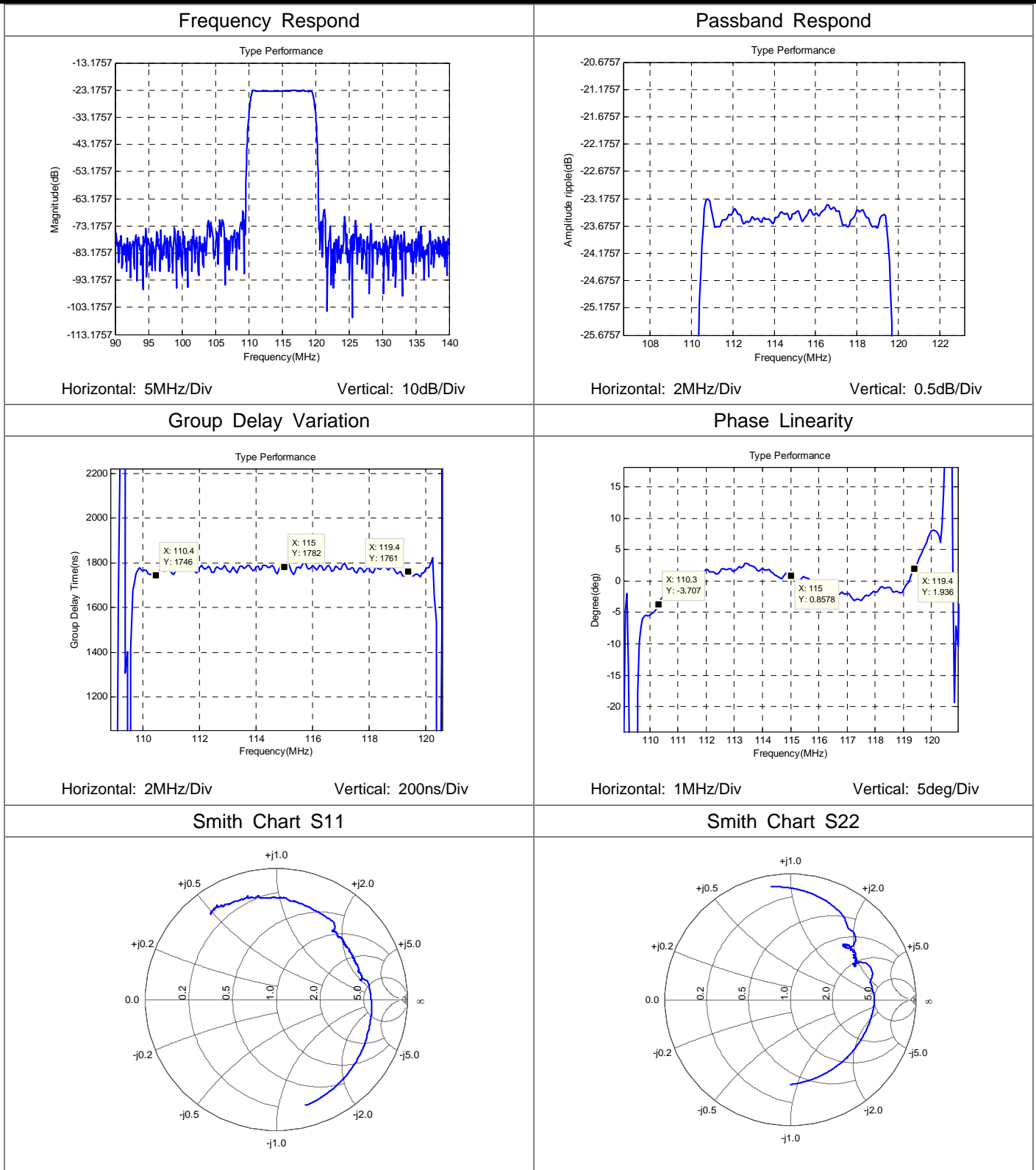
**Unit: mm**

**Typical Performance**



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