



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	86	86.1	86.2
Insertion Loss	dB		25	26
1.5dB Bandwidth	MHz	2.6	2.72	
45dB Bandwidth	MHz		3.63	3.8
Ultimate Rejection ($f \pm 8.15\text{MHz}$)	dB	50	55	
Passband Variation	dB		0.6	1.2
Absolute Delay	us		3.47	4
Material Temperature coefficient	KHz/° C		-1.55	
Substrate Material			112LT	
Ambient Temperature	° C		25	
Operation Temperature	° C	-25	-	+85
ESD Class	-		1A	
Package Size			DIP3512	

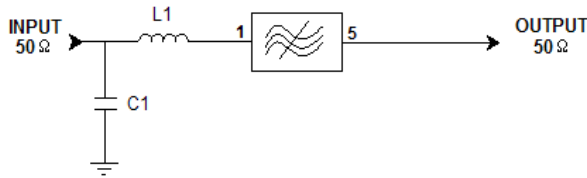
Notes:

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	LBT08602	
		Rev. Date	2013-05-17	
		Ver.	1.0	Page

Matching Configuration

手动测试座

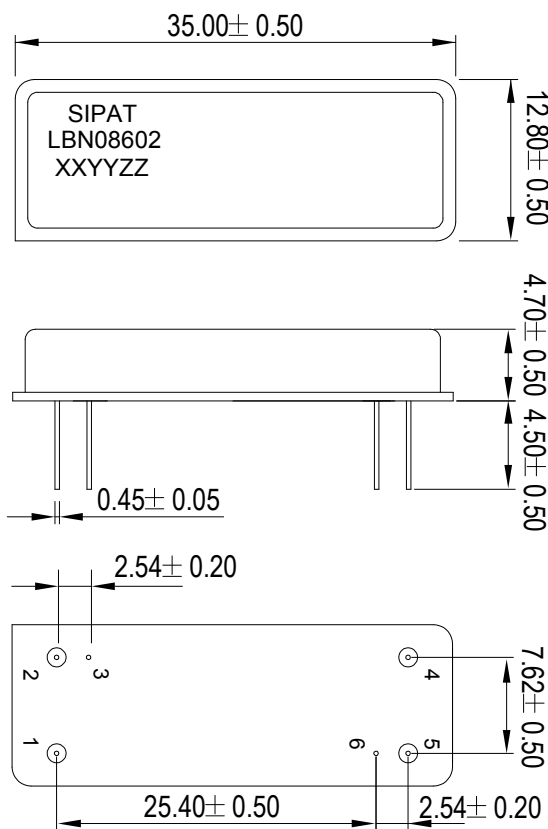


L1=47nH C1=56pF

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:

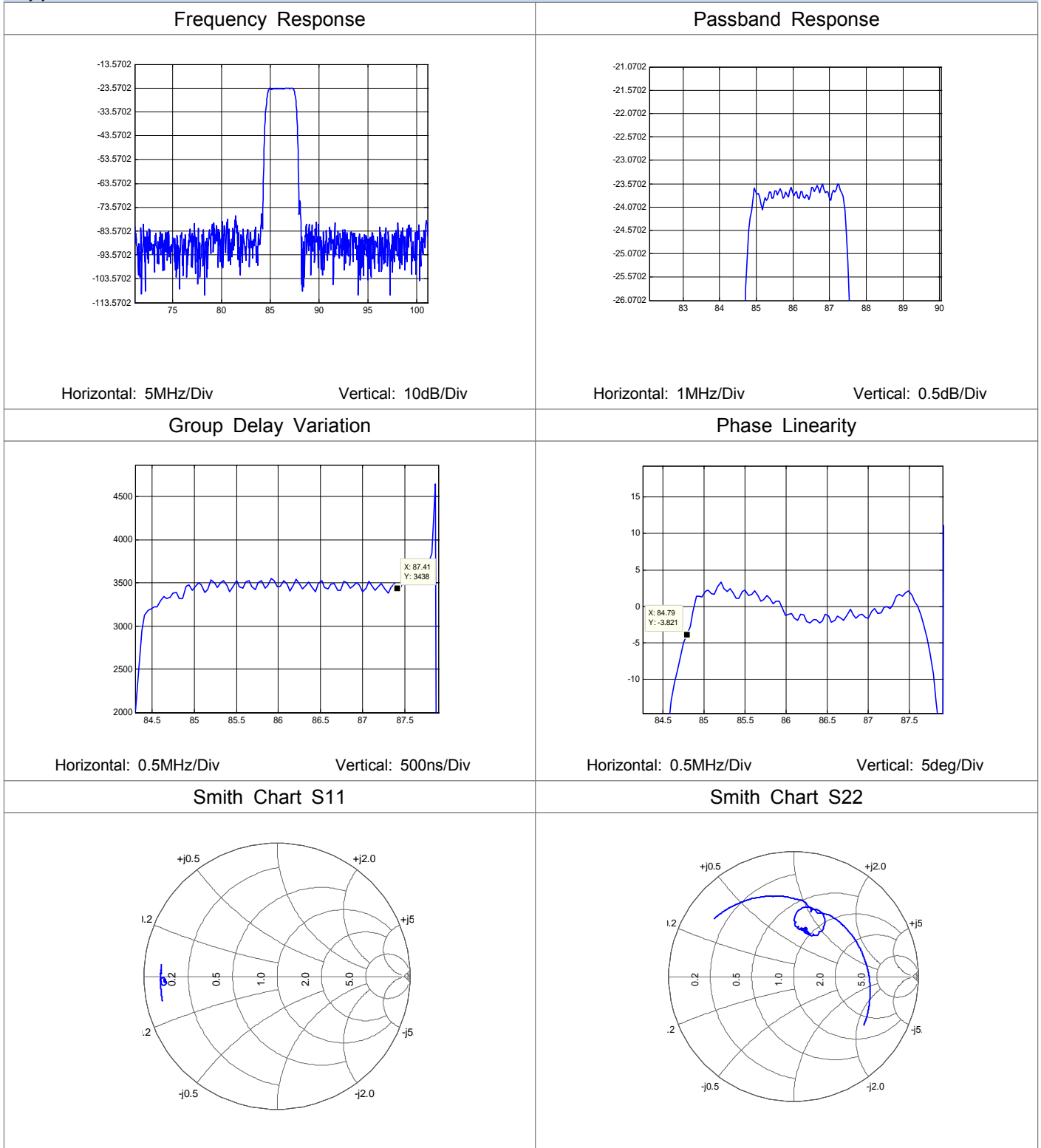
- 1) SIPAT: Manufacturer Name
- 2) LBT08602: Part Number
- 3) XXYY: Date(Year/month)
- 4) ZZ: Identified Code

Package: DIP3512

Unit: mm

	<p>SIPAT Co., Ltd. (CETC No.26 Research Institute) #14 Nanping Huayuan Road, Chongqing, China, 400060</p>	Part Number	LBT08602	
		Rev. Date	2013-05-17	
		Ver.	1.0	Page

Typical Performance



SIPAT Co., Ltd.
(CETC No.26 Research Institute)
#14 Nanping Huayuan Road,
Chongqing, China, 400060

Part Number	LBT08602	
Rev. Date	2013-05-17	
Ver.	1.0	Page 3/3