



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 (f0)</i>	MHz	-	90	-
<i>Passband</i>	MHz	-	0.28	-
<i>Insertion Loss</i>	dB	-	6.4	7.5
<i>Amplitude Variation</i>	dB	-	0.13	1
<i>Ultimate Rejection</i>	<i>89.65~89.75MHz</i>	dB	10	-
	<i>90.25~90.35MHz</i>	dB	10	-
	<i>89.5~89.65MHz</i>	dB	25	-
	<i>90.35~90.5MHz</i>	dB	25	-
	<i>89.3~89.5MHz</i>	dB	35	-
	<i>90.5~90.7MHz</i>	dB	35	-
	<i>87.5~89.3MHz</i>	dB	35	-
	<i>90.7~92.5MHz</i>	dB	35	-
<i>Group Delay Variation</i>	ns	-	670	1500
<i>VSWR</i>		-	2	2
<i>Material Temperature coefficient</i>	KHz/°C	0.09		
<i>Substrate Material</i>	-	QZ		
<i>Input Power</i>	dBm	20		
<i>Operating Temperature Range</i>	°C	-25	-	+85
<i>Storage Temperature Range</i>	°C	-55	-	125
<i>ESD Class</i>	-	1C		
<i>Package Size</i>	SMD1365A			

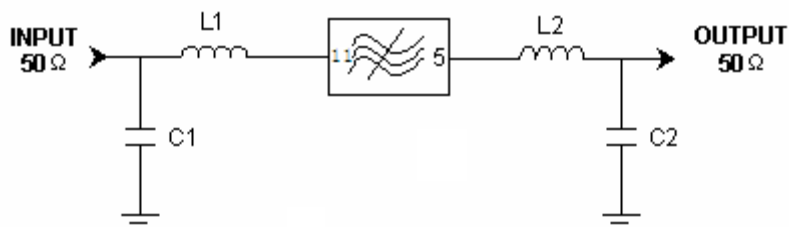
Notes:

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	LBS09035	
		Rev. Date	2013-10-11	
		Ver.	1.0	Page 1/3

Matching Configuration

手动测试座



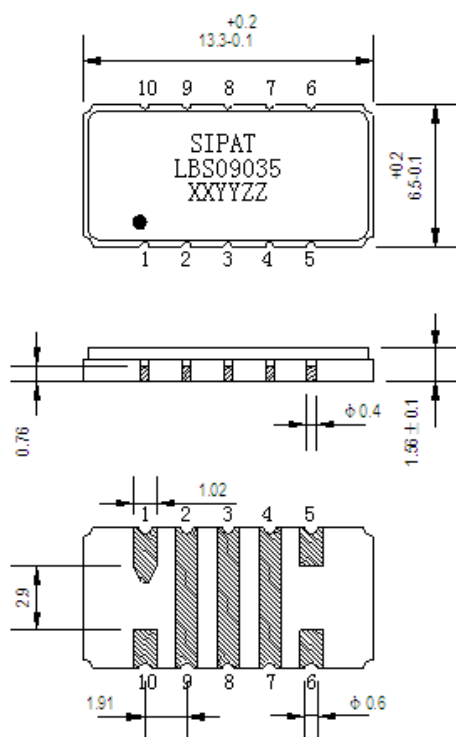
L1=220+15nH L2=180+47nH

C1=56pf C2=82pf

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.

Package Dimension



Pad Configuration:

Input 11

Output 5

Ground the others

Marking Configuration:

1) SIPAT: Manufacturer Name

2) LBS09035: Part Number

3) XXYY: Date(Year/month)

4) ZZ: Identified Code

Package: SMD1365A

Unit: mm



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

Part Number

LBS09035

Rev. Date

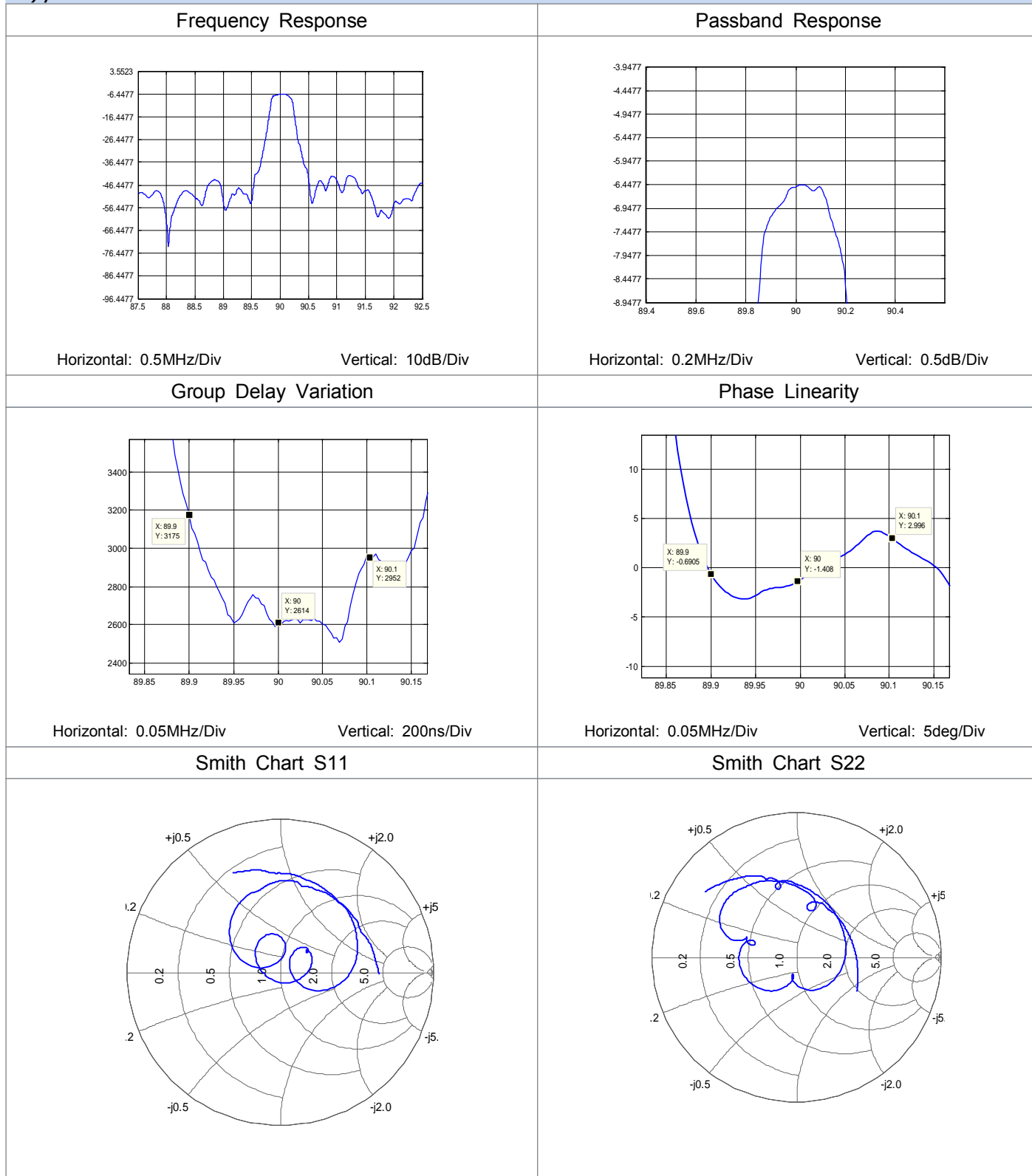
2013-10-11

Ver.

1.0

Page 2/3

Typical Performance



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

Part Number	LBS09035	
Rev. Date	2013-10-11	
Ver.	1.0	Page 3/3