



### Features

- ◇ For RF SAW filter
- ◇ Single-ended operation
- ◇ Ceramic Surface Mount Package
- ◇ Small size
- ◇ No matching required for operation at 50Ω
- ◇ RoHS compliant (2002/95/EC), Pb-free

### Specifications

Parameter	Unit	Minimum	Typical	Maximum	
Center Frequency	MHz	-	912	-	
Insertion Loss (909~915MHz)	dB	-	2.4	3.8	
Passband Variation (909~915MHz)	dB	-	0.9	1.2	
Ultimate Rejection	DC~800MHz	dB	35	37	-
	800~890MHz	dB	35	37	-
	930~950MHz	dB	40	51	-
	950~2000MHz	dB	25	45	-
	2000~3000MHz	dB	20	32	-
VSWR (909~915MHz)	-	-	1.6	2	
Group delay variation (909~915MHz)	ns	-	25	50	
Material Temperature coefficient	KHz/°C	-29.1			
Substrate Material	-	42LT			
Ambient Temperature	°C	25			
Operating Temperature Range	°C	-45	-	+85	
DC Voltage	V	0			
Input Power	dBm	-	-	15	
ESD Class	-	1A			
Package Size	SMD3.0*3.0				

#### 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.

	<b>SIPAT Co., Ltd.</b> ( CETC No.26 Research Institute ) #14 Nanping Huayuan Road, Chongqing, China, 400060	Part Number	LBT91201	
		Rev. Date	2010-04-30	
		Ver.	1.0	Page 1/3

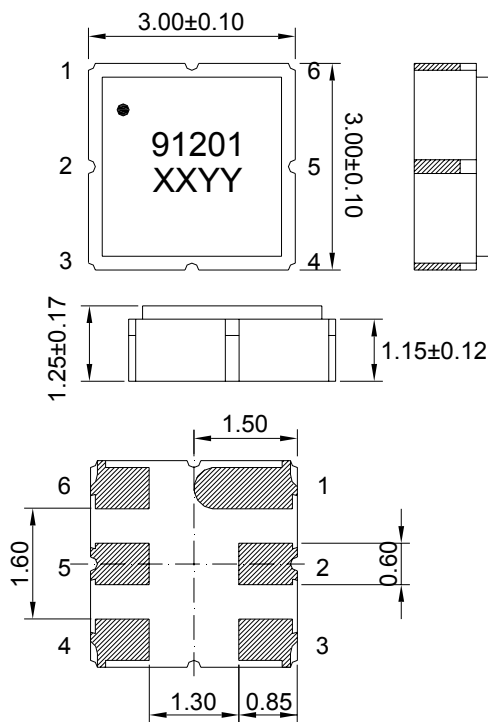
### Matching Configuration



Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.

### Package Dimension



#### Pad Configuration:

Input: 2  
Output: 5  
Ground: All Others

#### Marking Configuration:

- 1) •: Pad Number 1 Index
- 2) 91201: Part Number
- 3) XXYY: Date(Year/month)

Package: SMD3.0\*3.0

Unit: mm

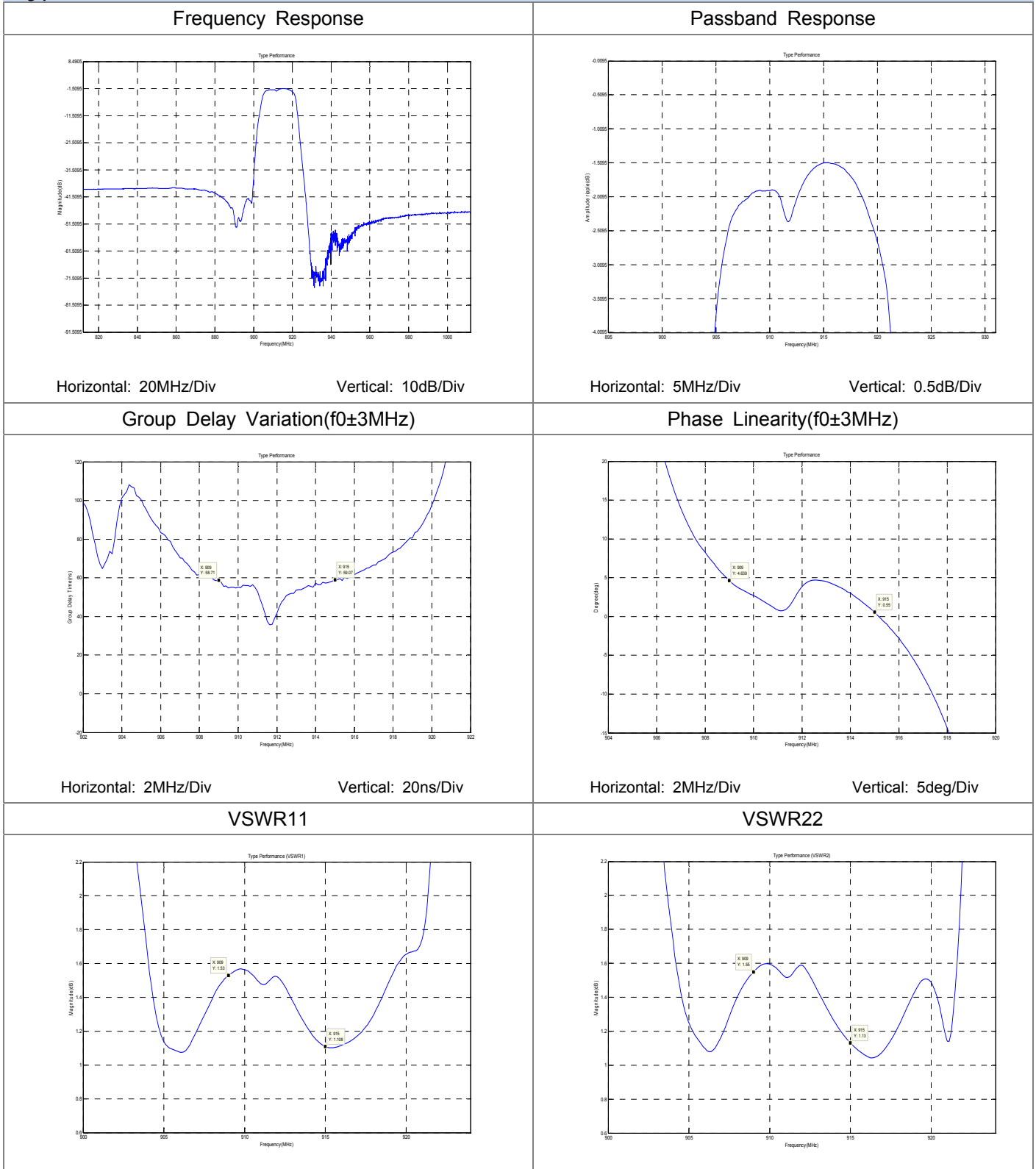


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Typical Performance



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Ver.	1.0	Page 3/3