



Features

- ◇ For IF SAW filter
- ◇ Single-ended operation
- ◇ Ceramic Surface Mount Package
- ◇ Small size
- ◇ RoHS compliant (2002/95/EC), Pb-free

Specifications

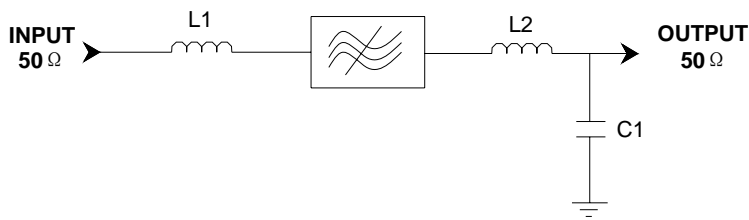
Parameter	Unit	Minimum	Typical	Maximum	
Center Frequency	MHz	95.7	96	96.3	
Insertion Loss	dB	-	9.8	15	
1 dB Bandwidth	MHz	24	24.58	-	
20 dB Bandwidth	MHz	-	29.2	30	
Passband Variation	dB	-	0.5	1	
Absolute Delay	usec	-	0.58	-	
Ultimate Rejection	10-68.4MHz	dB	45	48	-
	@76.8MHz		40	43	
	123.6-162.8MHz		50	51	
	168-1000MHz		35	45	
Material Temperature coefficient	KHz/°C		-7.87		
Substrate Material	-		128LN		
Ambient Temperature	°C		25		
DC Voltage	V		0		
Input Power	dBm	-	-	10	
ESD Class	-		1A		
Package Size		SMD7.0*5.0			

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.

	SIPAT Co., Ltd. (CETC No.26 Research Institute) #14 Nanping Huayuan Road, Chongqing, China, 400060	Part Number	LBN09613	
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Matching Configuration



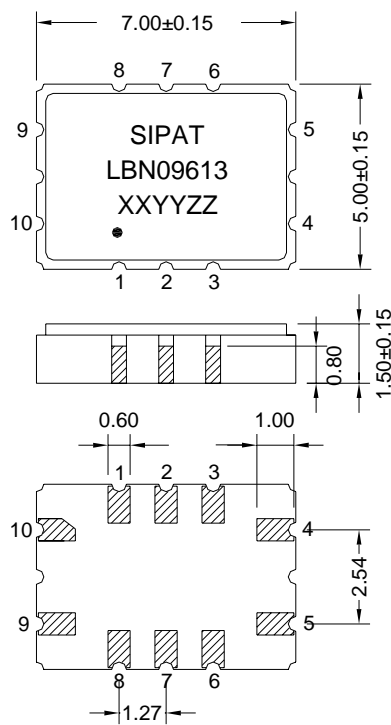
L1=220nH L2=180nH

C1=68pF

Source/Load Impedance=50 ohm

Notes - Component values may change depending
on board layout.

Package Dimension



Pad Configuration:

Input: 9

Output: 4

Ground: All Others

Marking Configuration:

- 1) •: Pad Number 1 Index
- 2) SIPAT: Manufacturer Name
- 3) LBN09613: Part Number
- 4) XXYY: Date(Year/month)
- 5) ZZ: Identified Code

Package: SMD7.0*5.0

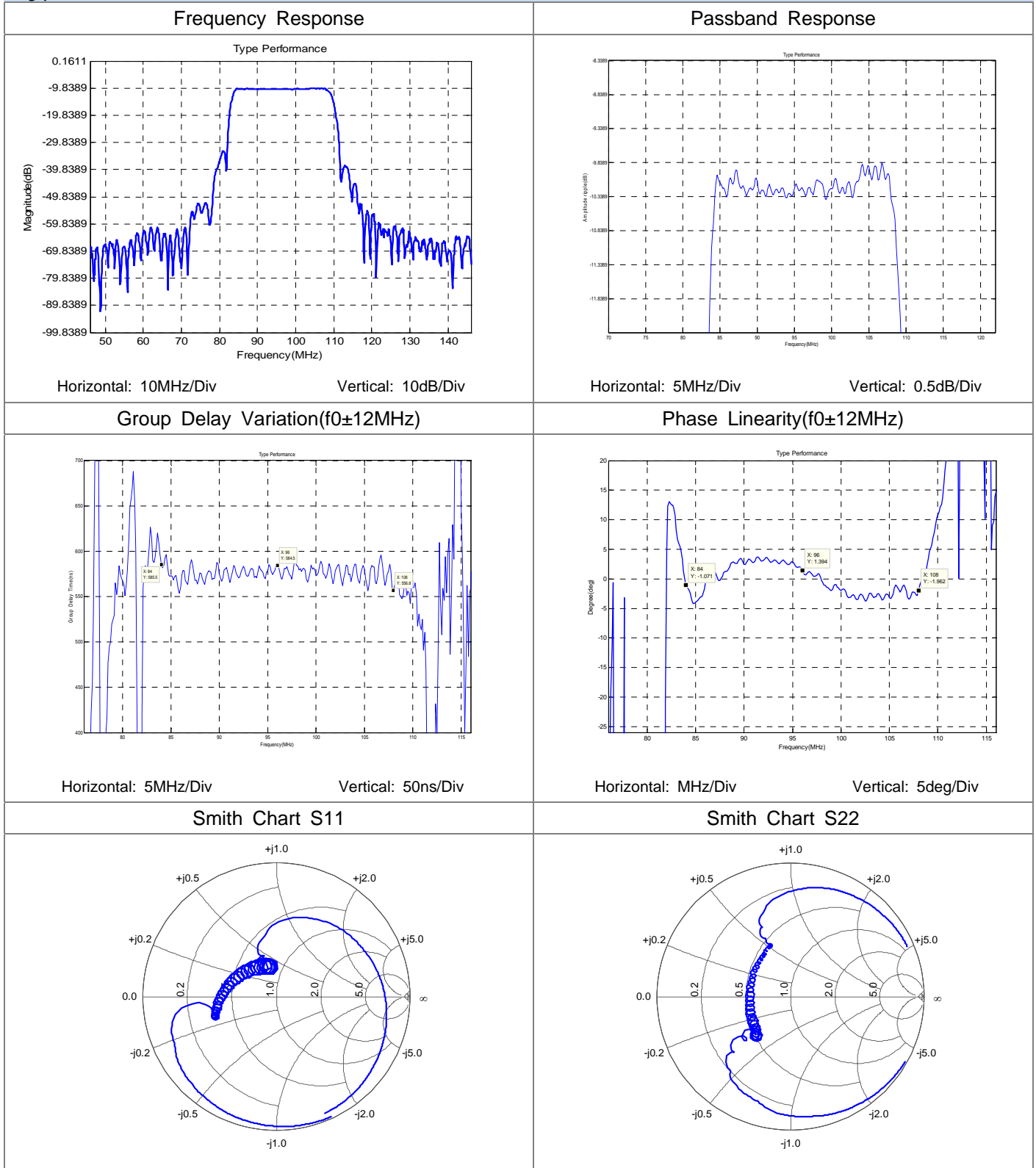
Unit: mm



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Typical Performance



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