



Features


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

Specifications

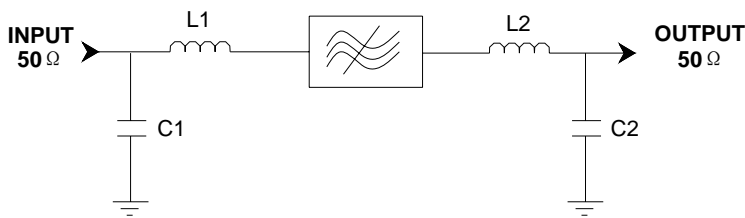
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	62.9	63	63.1
Insertion Loss	dB	-	11.7	17
1 dB Bandwidth	MHz	-	0.97	-
3 dB Bandwidth	MHz	1	1.12	-
30 dB Bandwidth	MHz	-	1.85	2
Passband Variation	dB	-	0.8	1
Absolute Delay	usec	-	1.34	-
Ultimate Rejection	dB	30	42	-
Material Temperature coefficient	KHz/°C	0.06		
Substrate Material	-	Qz		
Ambient Temperature	°C	25		
DC Voltage	V	0		
Input Power	dBm	-	-	10
ESD Class	-	1C		
Package Size	SMD19.0*6.5			

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	LBS06308	
		Rev. Date	2011-02-21	
		Ver.	1.0	Page 1/3

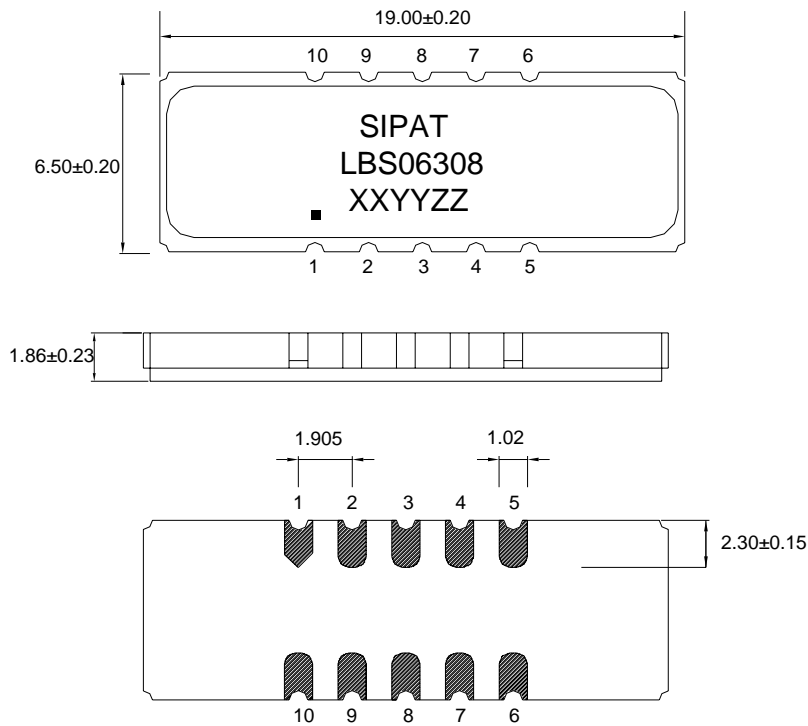
Matching Configuration



$L1 = (470 + 68)nH$ $L2 = 560nH$
 $C1 = (100 + 27)pF$ $C2 = (100 + 12)pF$
 Source/Load Impedance = 50 ohm

Notes - Component values may change depending on board layout.

Package Dimension



Pad Configuration:

Input: 10
 Output: 5
 Ground: All Others

Marking Configuration:

- 1) •: Pad Number 1 Index
- 2) SIPAT: Manufacturer Name
- 3) LBS06308: Part Number
- 4) XXYY: Date (Year/month)
- 5) ZZ: Identified Code

Package: SMD19.0*6.5

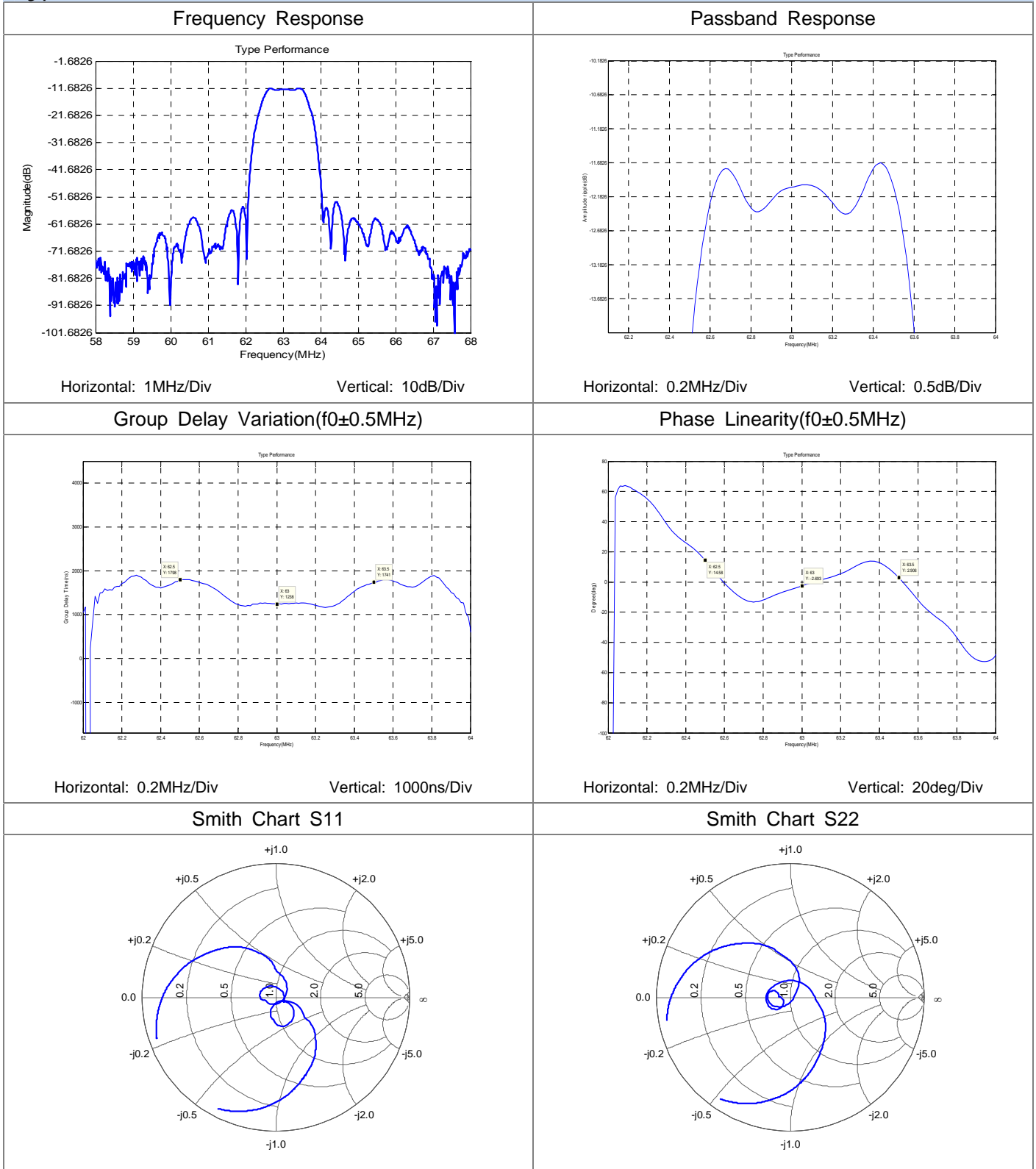
Unit: mm



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Typical Performance



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