



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	114.5	115	115.5
Insertion Loss	dB	-	12.8	15
1.5 dB Bandwidth	MHz	-	10.2	-
3 dB Bandwidth	MHz	10	10.7	-
40 dB Bandwidth	MHz	-	14.6	15
Passband Variation	dB	-	0.3	1.5
Absolute Delay	usec	-	1	-
Ultimate Rejection	dB	32	35	-
Material Temperature coefficient	KHz/°C	-10.8		
Substrate Material	-	YZ LN		
Ambient Temperature	°C	25		
DC Voltage	V	0		
Input Power	dBm	-	-	10
ESD Class	-	1A		
Package Size	SMD24.6*9.0			

Notes:

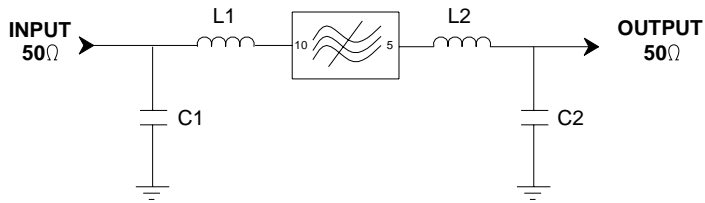
1. All specifications are based on the test circuit shown;
2. In production, all specifications are measured by Agilent Network analyzer and full 2 port calibration at room temperature;
3. Electrical margin has been built into the design to account for the variations due to temperature drift and manufacturing tolerances;
4. This is the optimum impedance in order to achieve the performance show.



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Part Number	LBN11569		
Rev. Date	2011-05-30		
Ver.	1.0	Page 1/3	

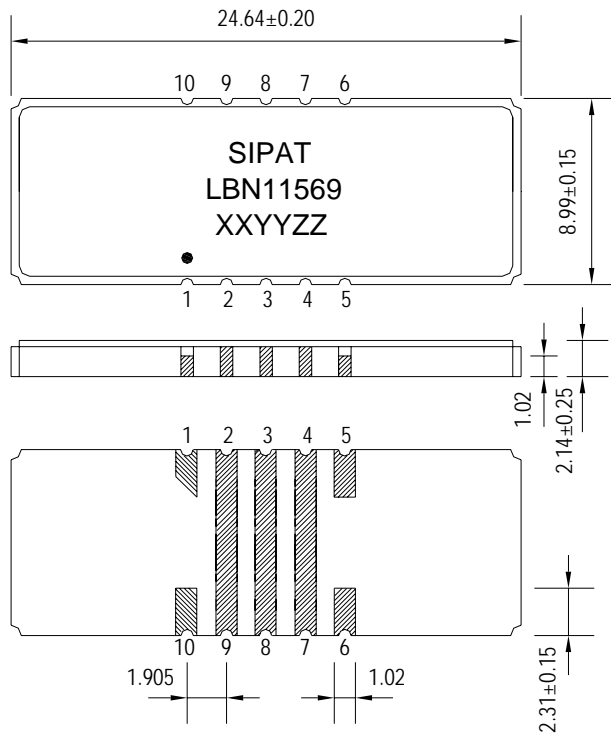
Matching Configuration



L1=L2=27nH
C1=39pF C2=56pF
Source/Load Impedance=50 ohm

Notes - Component values may change depending
on board layout.

Package Dimension



Pad Configuration:

Input: 10
Output: 5
Ground: 1,2,3,4,6,7,8,9

Marking Configuration:

- 1) •: Pad Number 1 Index
- 2) SIPAT: Manufacturer Name
- 3) LBN11569: Part Number
- 4) XXYY: Date(Year/month)
- 5) ZZ: Identified Code

Package: SMD24.6*9.0

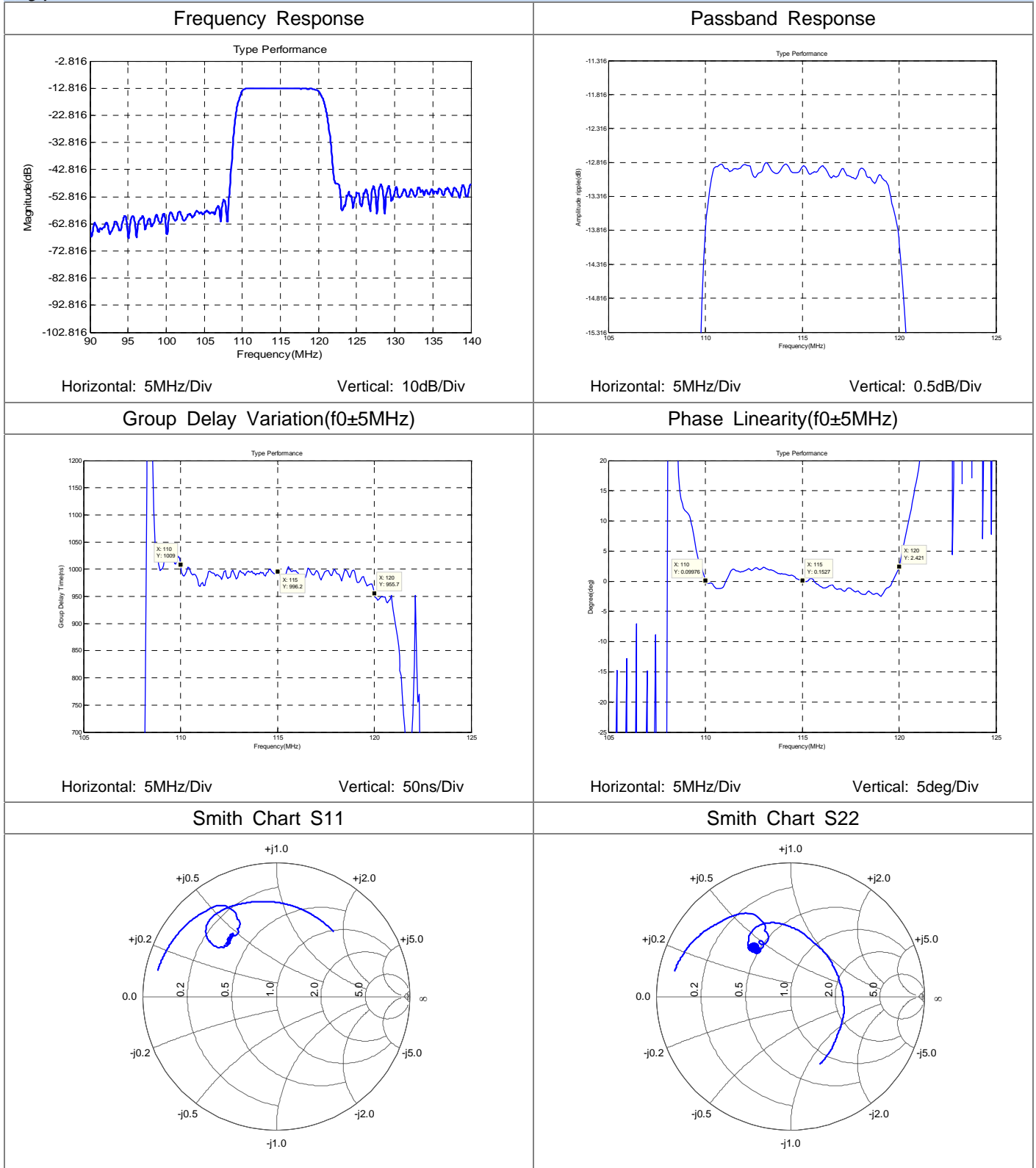
Unit: mm



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Typical Performance



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