



Features


- ◇ For IF 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	114.9	115	115.1
Insertion Loss	dB	-	19.2	25
1.2 dB Bandwidth	MHz	-	9.27	-
3 dB Bandwidth	MHz	9.4	9.55	-
40 dB Bandwidth	MHz	-	10.77	10.85
Passband Variation	dB	-	0.9	1.2
Absolute Delay	usec	-	2.38	-
Ultimate Rejection($f_0 \pm 10\text{MHz}$)	dB	50	58	-
Material Temperature coefficient	KHz/°C	-9.43		
Substrate Material	-	128LN		
Ambient Temperature	°C	25		
DC Voltage	V	0		
Input Power	dBm	-	-	10
ESD Class	-	1A		
Package Size	SMD24.6x9.0			

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	LBN11565	
		Rev. Date	2010-12-29	
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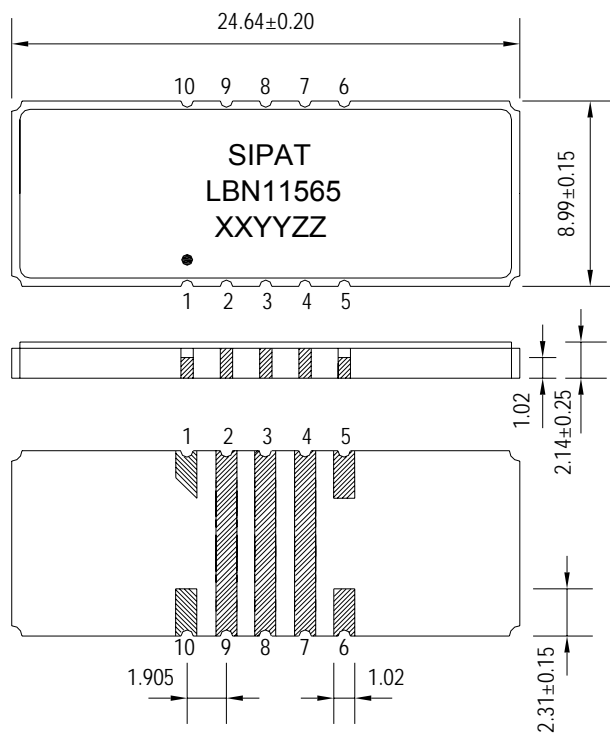
Matching Configuration



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) LBN11565: Part Number
- 4) XXYY: Date(Year/month)
- 5) ZZ: Identified Code

Package: SMD24.6x9.0

Unit: mm

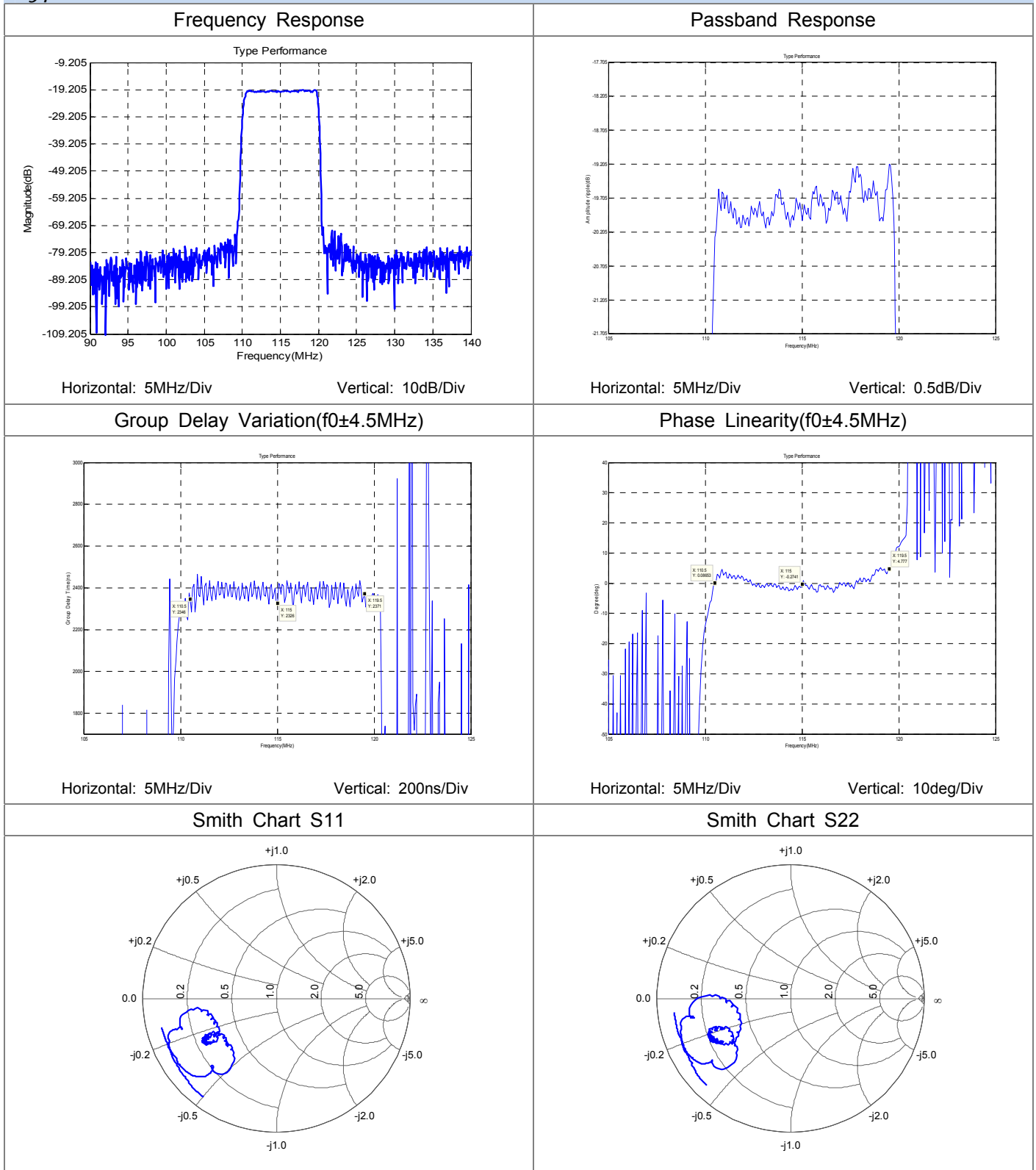


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Typical Performance



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