



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
<i>Center Frequency</i>	MHz	259.8	260	260.2
<i>Insertion Loss</i>	dB		22.8	24
<i>3dB Bandwidth</i>	MHz	14.3	14.42	
<i>10dB Bandwidth</i>	MHz		15.25	15.6
<i>25dB Bandwidth</i>	MHz		16.13	17.2
<i>35dB Bandwidth</i>	MHz		16.48	19.0
<i>45dB Bandwidth</i>	MHz		16.77	21.0
<i>Passband Variation</i>	dB		0.8	1.5
<i>Ultimate Rejection</i>	dB	45	46	
<i>Absolute Delay</i>	usec		1.19	4.0
<i>Material Temperature coefficient</i>	KHz/°C		-4.68	
<i>Substrate Material</i>	-		112LT	
<i>Ambient Temperature</i>	°C		25	
<i>Operating Temperature Range</i>	°C	-25		+85
<i>Storage Temperature Range</i>	°C	-45	-	+105
<i>Input Power</i>	dBm	-	-	10
<i>ESD Class</i>	-		1A	
<i>Package Size</i>		DIP2212		

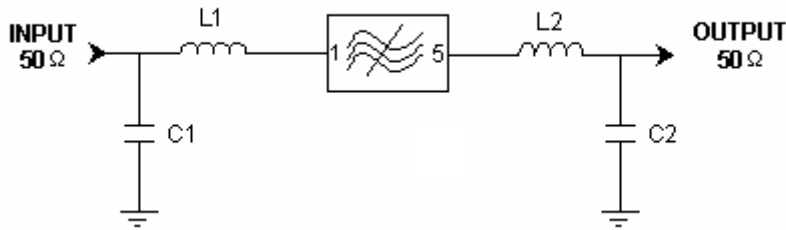
Notes:

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	LBT26005	
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Matching Configuration

手动测试座



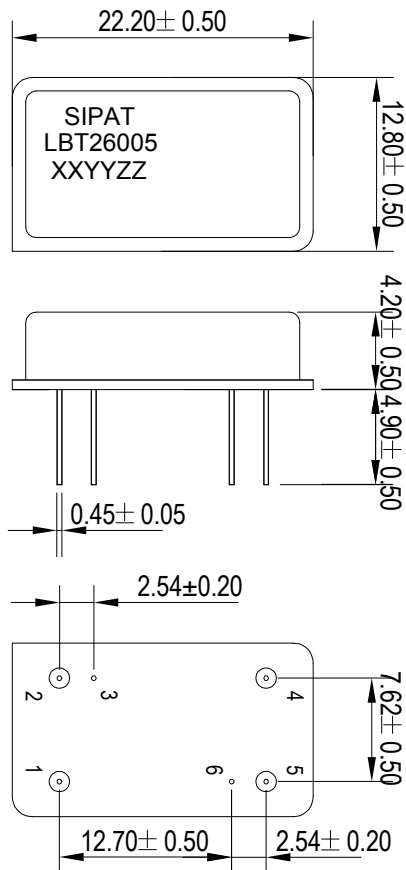
L1=15nH L2=15nH

C1=18pf C2=18pf

Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.

Package Dimension



Pad Configuration:

Input: 1

Output: 5

Ground: All others

Marking Configuration:

- 1) •: Pad Number 1 Index
- 2) SIPAT: Manufacturer Name
- 3) LBT26005: Part Number
- 4) XXYY: Date(Year/month)
- 5) ZZ: Identified Code

Package: DIP2212

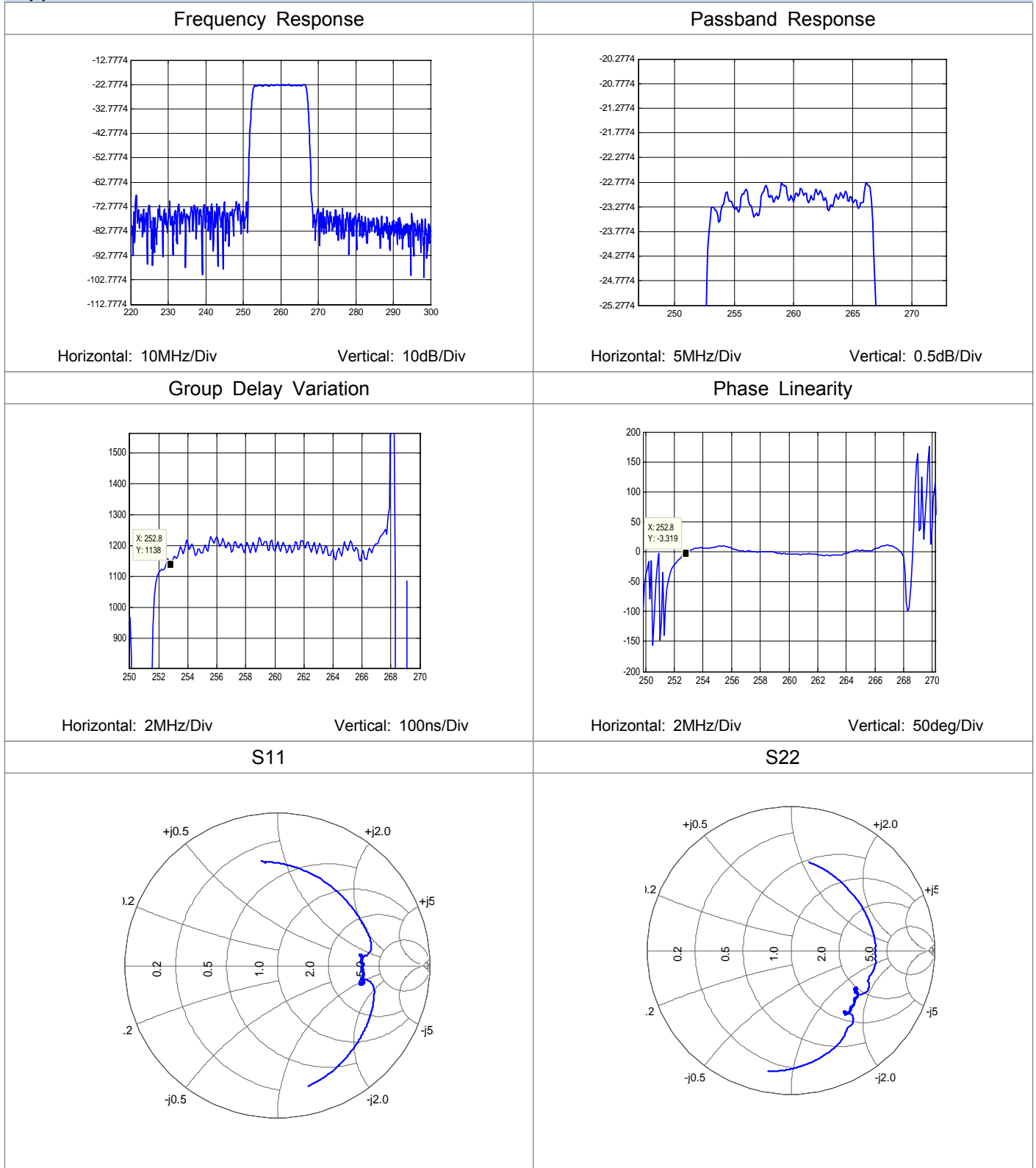
Unit: mm



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Typical Performance



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