



Features


- ◇ For IF SAW filter
- ◇ High attenuation
- ◇ Single-ended operation
- ◇ Dual In-line Package
- ◇ No matching required for operation at 50Ω
- ◇ RoHS compliant (2002/95/EC), Pb-free

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	259.75	260	260.25
Insertion Loss	dB	-	26.7	32
3dB Bandwidth	MHz	14.2	14.46	-
10dB Bandwidth	MHz		15.15	15.5
40dB Bandwidth	MHz		16.21	16.5
47dB Bandwidth	MHz		16.31	16.8
Passband Variation	dB	-	0.6	1.0
Absolute Delay	usec	-	2.06	
Phase Linearity	dgree		7	10
Ultimate Rejection	$f_0 \pm 12.2\text{MHz}$	47	50	-
Material Temperature coefficient	KHz/°C		-4.68	
Substrate Material	-		112-LT	
Ambient Temperature	°C		25	
Operating Temperature Range	°C	-25	-	+85
Storage Temperature Range	°C	-45	-	+105
DC Voltage	V		0	
Input Power	dBm	-	-	10
ESD Class	-		1A	
Package Size		DIP2212 (22.2*12.8*4.7mm3)		

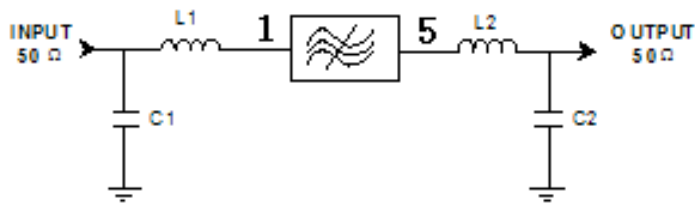
Notes:

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	LBT26002	
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Matching Configuration

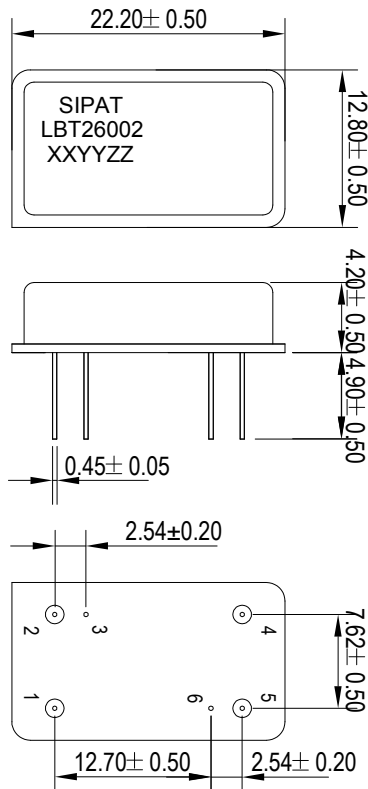
手动测试座



L1=L2=12nH
C1=27pF C2=12pF
Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.

Package Dimension



Pad Configuration:

Input 1
Output 5
Ground 2、3、4、6

Marking Configuration:

- 1) SIPAT: Manufacturer Name
- 2) LBT26002: Part Number
- 3) XXYY: Date(Year/month)
- 4) ZZ: Identified Code

Package: DIP2212

Unit: mm

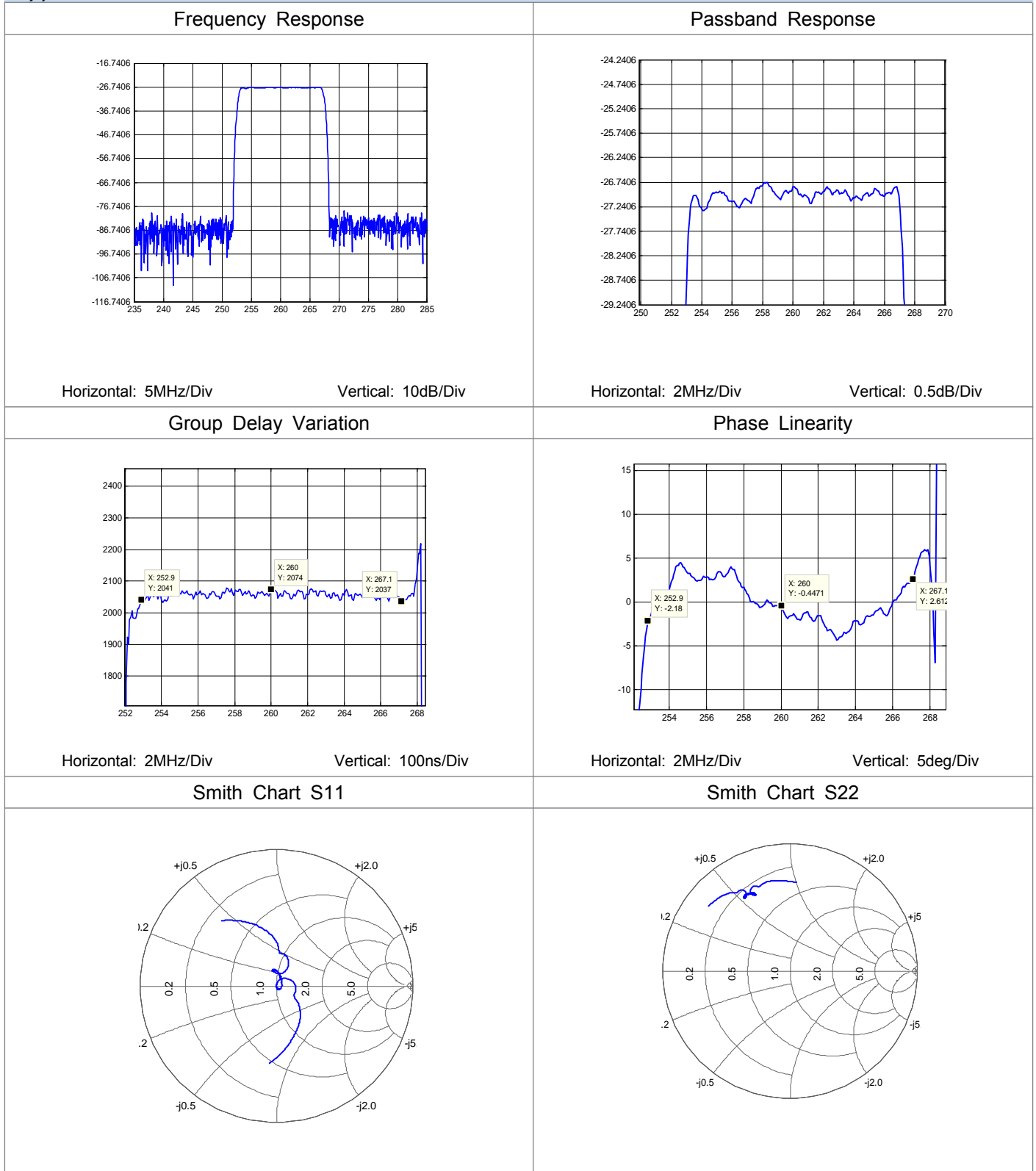


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Typical Performance



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