



Features


- ◇ For RF 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	-	806	-
Insertion Loss (791~821MHz)	dB	-	2.5	3.0
Input/Output VSWR (791~821MHz)		-	1.6/1.6	2
Passband Variation (791~821MHz)	dB	-	0.9	1.5
Attenuation	DC~736MHz	dB	17	-
	736~771MHz	dB	17	-
	771~781 MHz	dB	5	-
	841~2000MHz	dB	20	-
Material Temperature coefficient	kHz/°C		-29.02	
Substrate Material	-		42LT	
Ambient Temperature	°C		25	
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-45		+105
ESD Class	-		1A	
Package Size			SMD3.0*3.0	

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	LBT80602	
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Matching Configuration

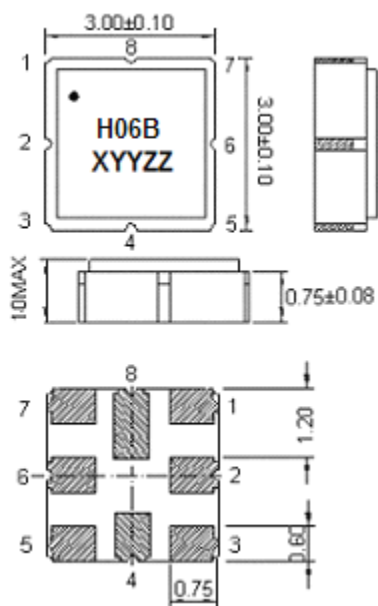
手动测试座



Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.

Package Dimension



Pad Configuration:

Input: 2
Output: 6
Ground: All Others

Marking Configuration:

- 1) •: Pad Number 1 Index
- 2) H06B: Part Number
- 3) XYYZZ: Date Code

Package: SMD3.0*3.0

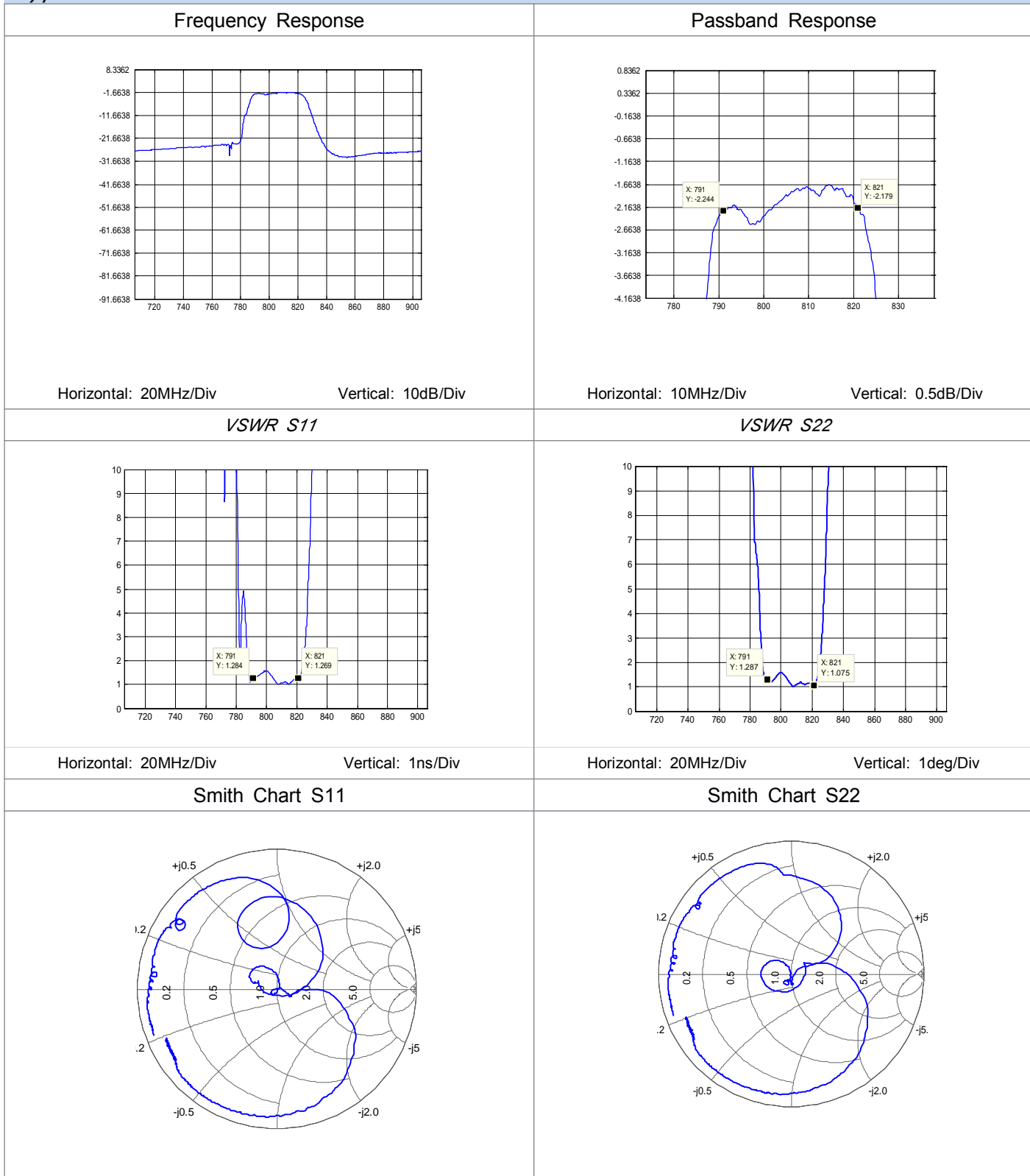
Unit: mm



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Typical Performance



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