



### 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	865	872.5	880	
Insertion Loss(865~880MHz)	dB	-	2.8	3.5	
Return loss(865~880MHz)	dB	10	13.9/14.4	-	
Passband Variation(865~880MHz)	dB	-	0.9	2	
Ultimate Rejection	DC~824MHz	dB	20	41	-
	824~849MHz	dB	25	39	-
	885~1000MHz	dB	10	11	-
	1730~1760MHz	dB	25	40	-
	1760~3000MHz	dB	20	22	-
Material Temperature coefficient	KHz/°C	-27.9			
Substrate Material	-	42LT			
Ambient Temperature	°C	25			
Operating Temperature Range	°C	-40	-	+85	
Storage Temperature Range	°C	-45	-	+105	
DC Voltage	V	0			
Input Power	dBm	-	-	10	
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.

	<b>SIPAT Co., Ltd.</b> ( CETC No.26 Research Institute ) #14 Nanping Huayuan Road, Chongqing, China, 400060	Part Number	LBT87301	
		Rev. Date	2010-11-17	
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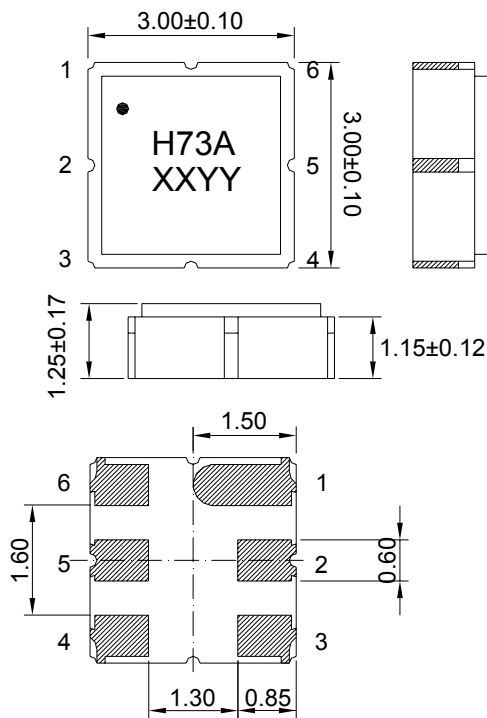
### Matching Configuration



Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.

### Package Dimension



#### Pad Configuration:

Input: 2  
Output: 5  
Ground: All Others

#### Marking Configuration:

- 1) •: Pad Number 1 Index
- 2) H73A: Part Number
- 3) XXYY: Date(Year/month)

Package: SMD3.0\*3.0

Unit: mm

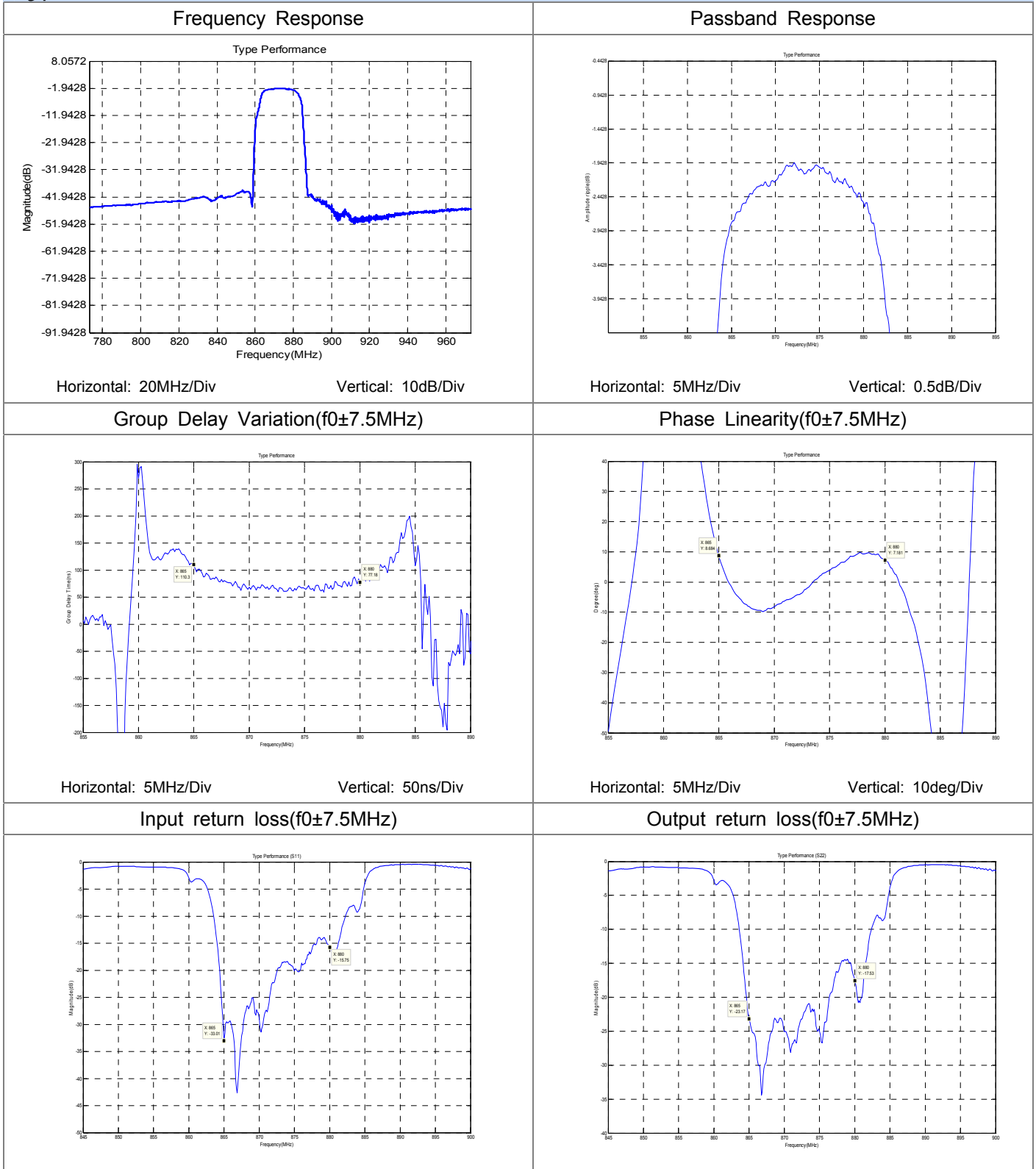


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Typical Performance



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