



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	-	897.5	-	
Insertion Loss(885.5~909.5MHz)	dB	-	2.4	3	
Passband Variation(885.5~909.5MHz)	dB	-	0.8	1	
VSWR(885.5~909.5MHz)	-	-	1.5/1.4	2	
Ultimate Rejection	600~850MHz	dB	35	42	-
	930.5~954.5MHz	dB	20	26	-
	1000~1200MHz	dB	35	43	-
Material Temperature coefficient	KHz/°C	-28.7			
Substrate Material	-	42LT			
Ambient Temperature	°C	25			
Operating Temperature Range	°C	-40	-	+85	
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.

	SIPAT Co., Ltd. (CETC No.26 Research Institute) #14 Nanping Huayuan Road, Chongqing, China, 400060	Part Number	LBT89806	
		Rev. Date	2011-09-19	
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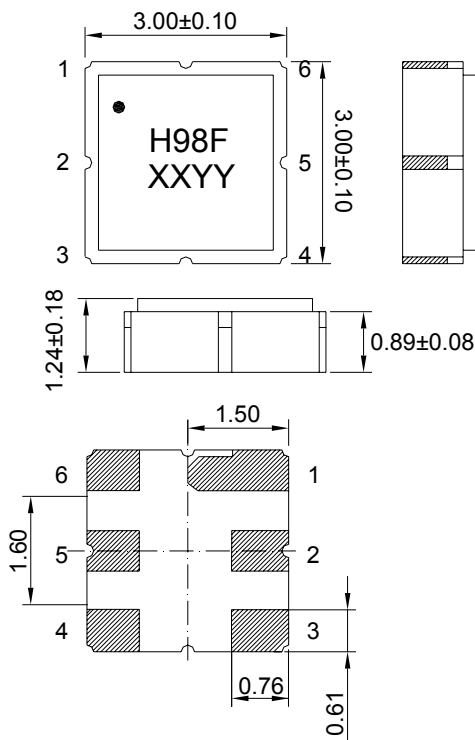
Matching Configuration



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) H98F: Part Number
- 3) XXYY: Date(Year/month)

Package: SMD3.0*3.0

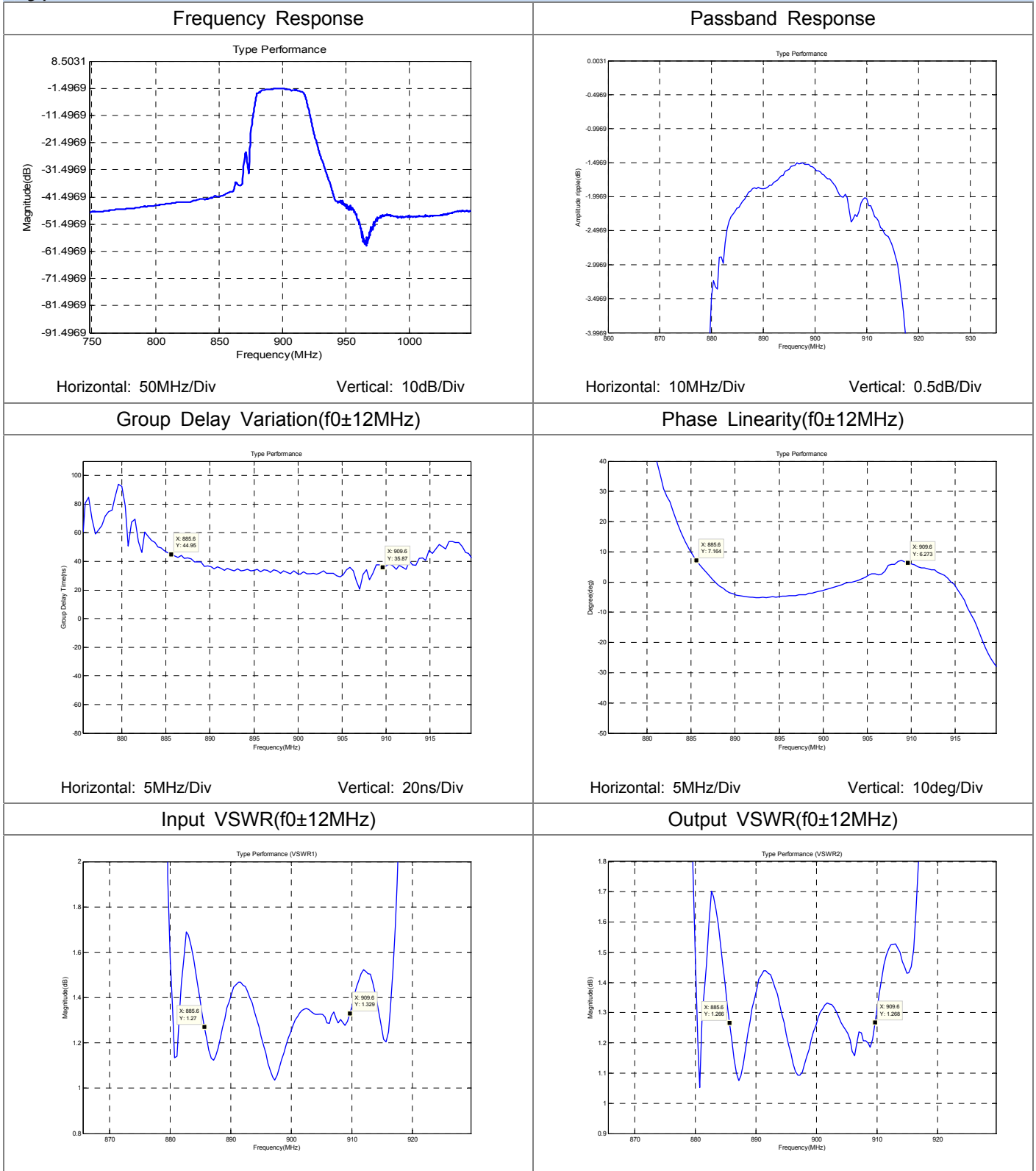
Unit: mm



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Typical Performance



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