



### 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

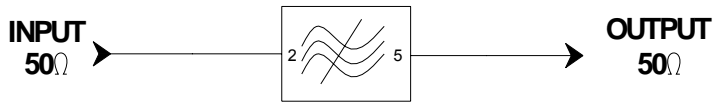
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	-	942.5	-
Insertion Loss(930.5~954.5MHz)	dB	-	1.9	3
Input/Output VSWR(930.5~954.5MHz)	-	-	1.7	2
Passband Variation(930.5~954.5MHz)	dB	-	0.5	1
Ultimate Rejection	600~850MHz	dB	35	49
	885.5~909.5MHz	dB	20	38
	1000~1200MHz	dB	35	40
Material Temperature coefficient	KHz/°C	-30.2		
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.

	<b>SIPAT Co., Ltd.</b> ( CETC No.26 Research Institute ) #14 Nanping Huayuan Road, Chongqing, China, 400060	Part Number	LBT94304	
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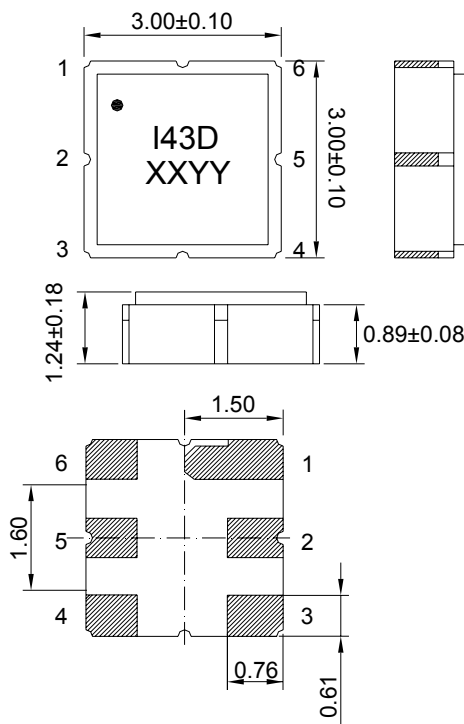
### Matching Configuration



Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.

### Package Dimension



#### Pad Configuration:

Input: 2  
Output: 5  
Ground: 1,3,4,6

#### Marking Configuration:

1) •: Pad Number 1 Index  
2) I43D: Part Number  
3) XXYY: Date(Year/month)

Package: SMD3.0\*3.0

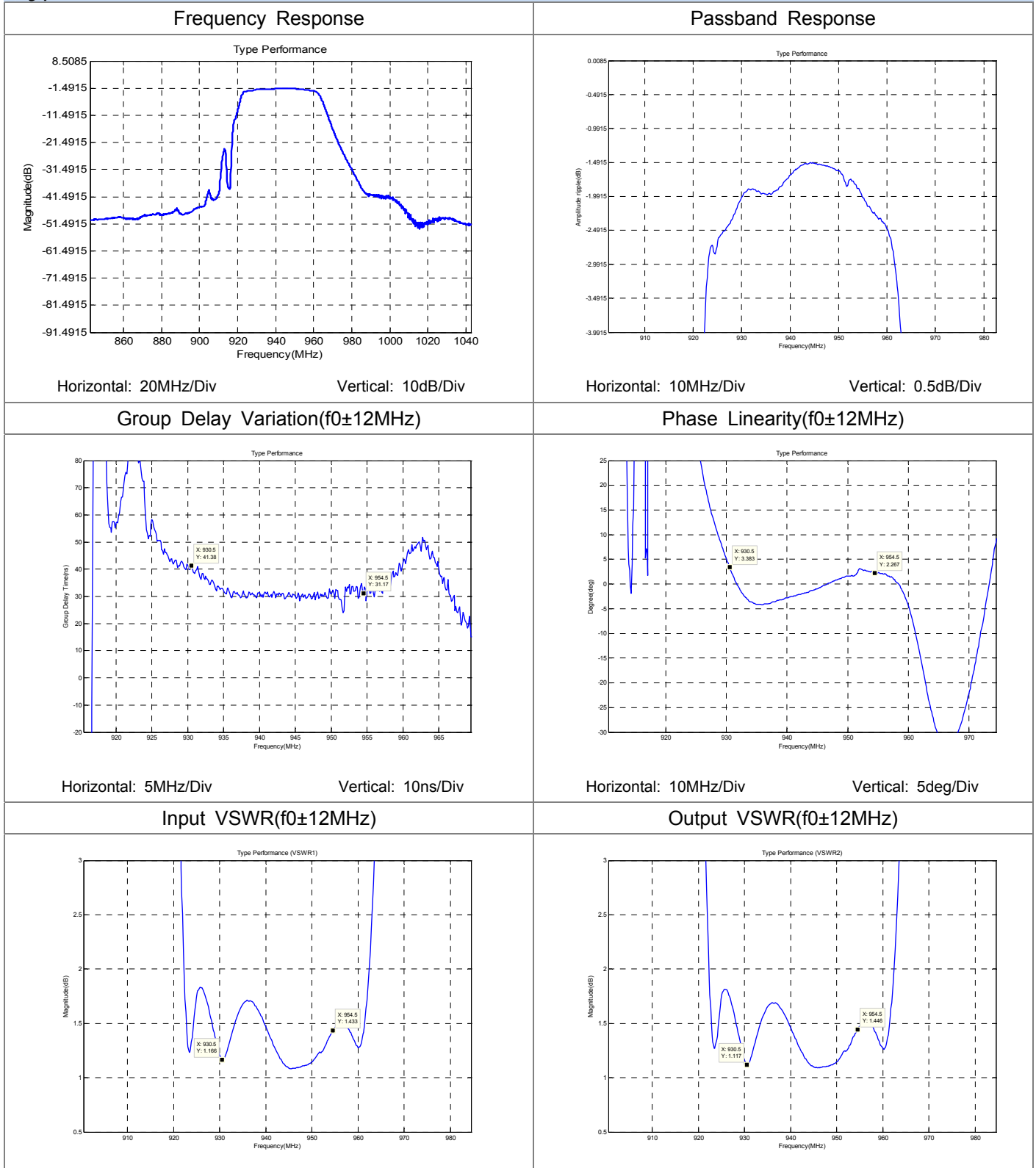
Unit: mm



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Typical Performance



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