



### 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	-	881.5	-	
Insertion Loss(869~894MHz)	dB	-	2.4	3.5	
3 dB Bandwidth	MHz	-	37.6	-	
Passband variation(869~894MHz)	dB	-	0.8	1.5	
Ultimate Rejection	10~779MHz	dB	45	55	-
	779~849MHz	dB	40	45	-
	914~970MHz	dB	20	31	-
	970~1049MHz	dB	45	52	-
	1049~2000MHz	dB	35	38	-
Material Temperature coefficient	KHz/°C	-28.2			
Substrate Material	-	42LT			
Ambient Temperature	°C	25			
Operating Temperature Range	°C	-10	-	+65	
Storage 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	LBT88203		
Rev. Date	2009-10-15		
Ver.	1.0	Page 1/3	

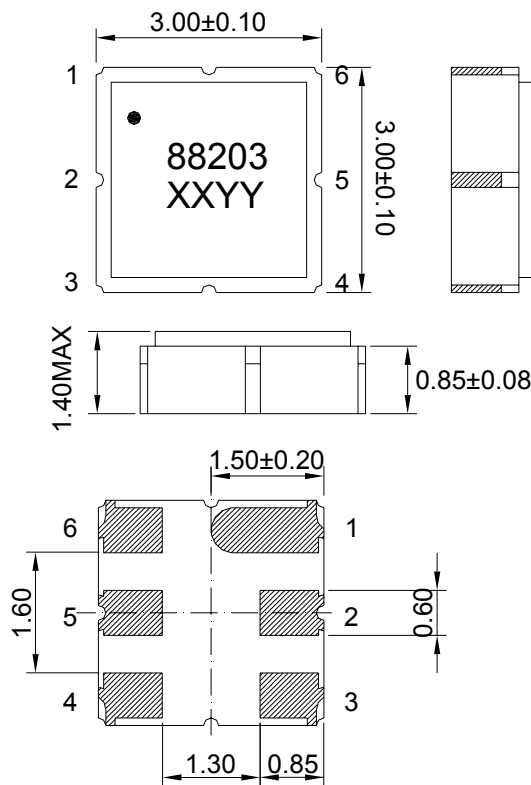
### Matching Configuration



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) 88203: Part Number  
3) XXYY: Date(Year/month)

Package: SMD3.0\*3.0

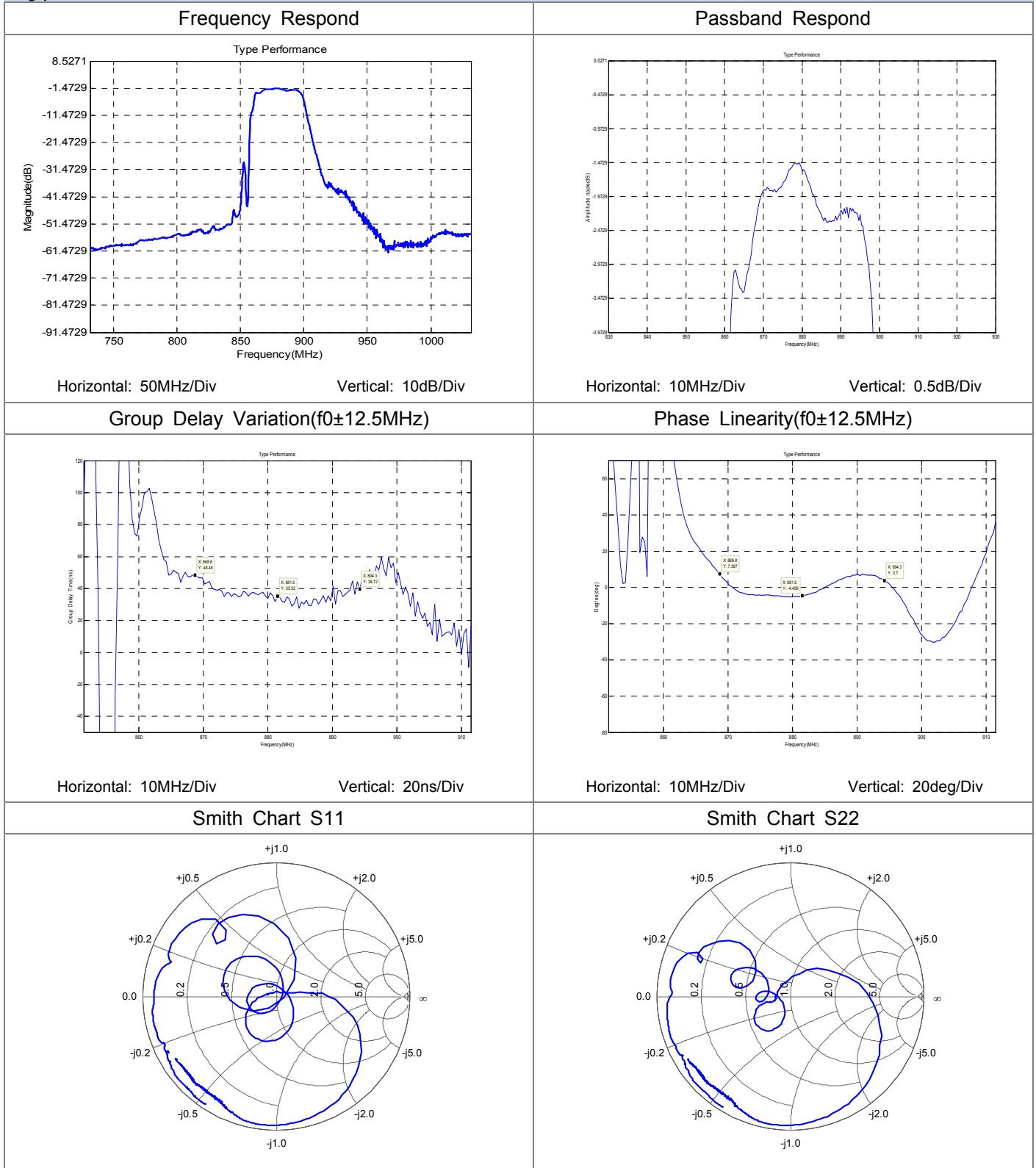
Unit: mm



**SIPAT Co., Ltd.**  
( CETC No.26 Research Institute )  
#14 Nanping Huayuan Road,  
Chongqing, China, 400060

Part Number	LBT88203	
Rev. Date	2009-10-15	
Ver.	1.0	Page 2/3

Typical Performance



**SIPAT Co., Ltd.**  
( CETC No.26 Research Institute )  
#14 Nanping Huayuan Road,  
Chongqing, China, 400060

Part Number	LBT88203	
Rev. Date	2009-10-15	
Ver.	1.0	Page 3/3