

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	-	2017.5	-	
Insertion Loss(2010~2025MHz)	dB	-	3.3	4.2	
Passband Variation(2010~2025MHz)	dB	-	0.4	1.2	
Group Delay Variation(2010~2025MHz)	usec	-	6	30	
Input/output VSWR(2010~2025MHz)	-	-	1.4/1.4	1.8	
Ultimate Rejection	1700~1785 MHz	dB	40	45	-
	1800~1860 MHz	dB	45	48	-
	1920~1980 MHz	dB	30	36	-
	2045~2070 MHz	dB	6	13	-
	2070~2085 MHz	dB	15	31	-
	2170~4000 MHz	dB	30	32	-
Ambient Temperature	°C	25			
Operating Temperature Range	°C	-45	-	+85	
Storage Temperature Range	°C	-45	-	+85	
DC Voltage	V	12			
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	LBT201803	
		Rev. Date	2009-01-15	
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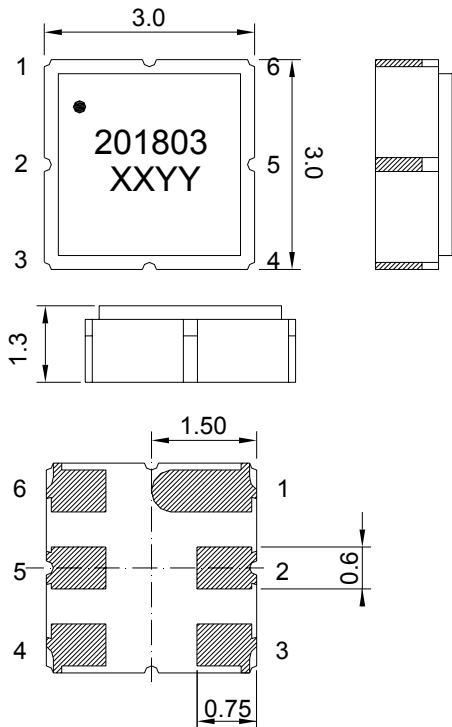
Matching Configuration



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) 201803: Part Number
- 3) XXYY: Date(Year/month)

Package: SMD3.0*3.0

Unit: mm

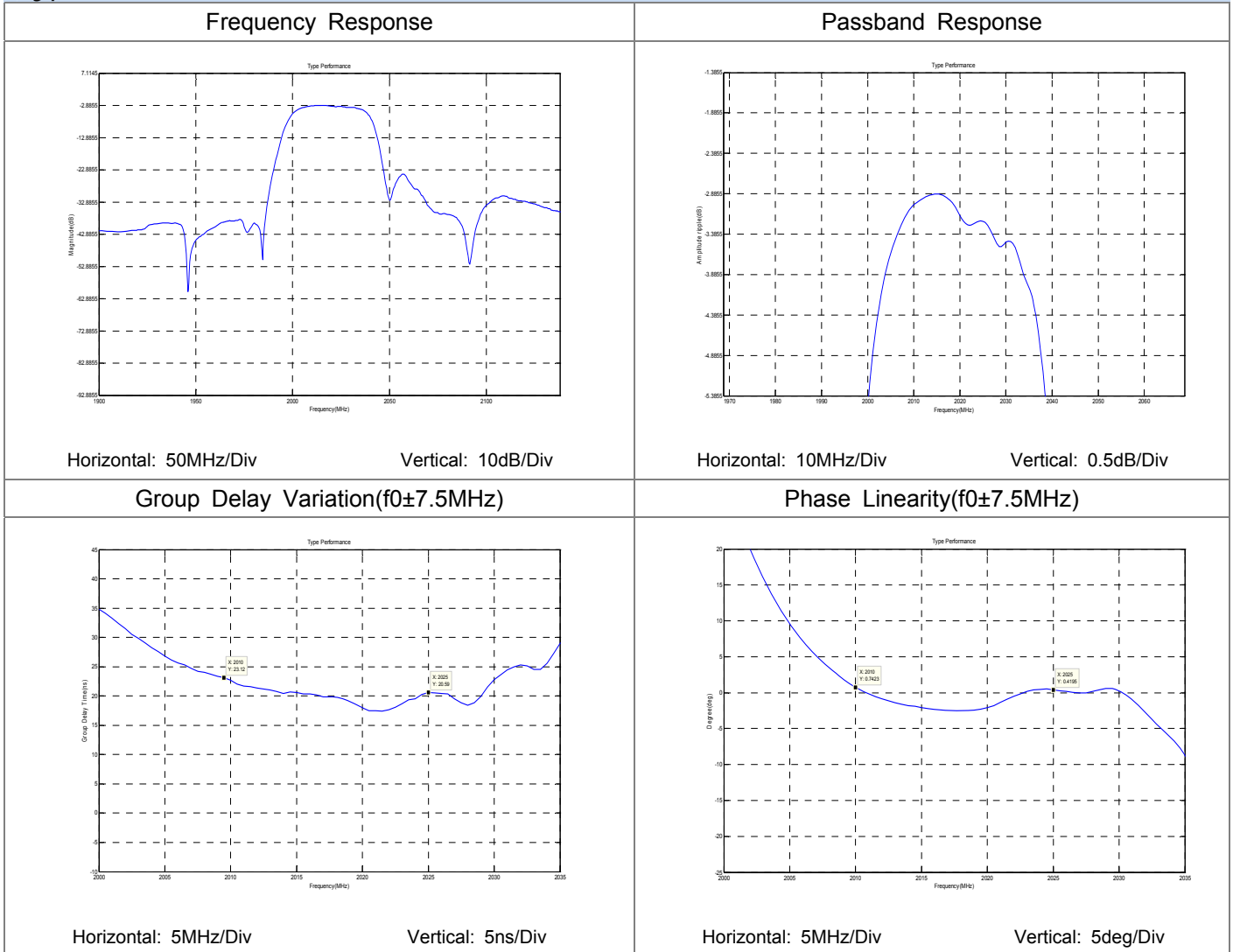


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Typical Performance



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