



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	
<i>Center Frequency</i>	MHz	-	1472	-	
<i>Insertion Loss (1452~1492MHz)</i>	dB	-	2.7	3.5	
<i>Passband Variation(1452~1492MHz MHz)</i>	dB	-	0.7	1	
<i>vswr(1452~1492MHz MHz)</i>		-	1.6/1.5	2	
<i>Attenuation</i>	<i>DC~1367MHz</i>	dB	40	46	-
	<i>1562~2500MHz</i>	dB	40	43	-
<i>Material Temperature coefficient</i>	kHz/°C		-53		
<i>Substrate Material</i>	-		42LT		
<i>Ambient Temperature</i>	°C		25		
<i>Operating Temperature Range</i>	°C	-25	-	+80	
<i>Storage Temperature Range</i>	°C	-45	-	+105	
<i>Package Size</i>		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	LBT147201	
		Rev. Date	2012-12-27	
		Ver.	1.0	Page 1/3

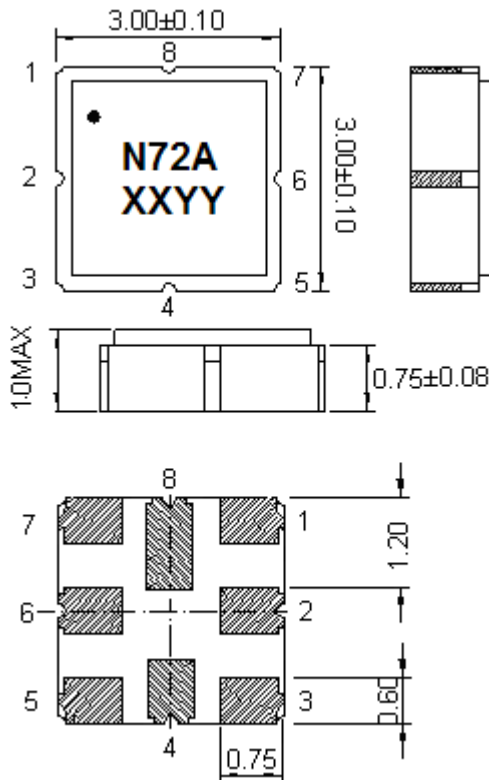
Matching Configuration



Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.

Package Dimension



Pad Configuration:

Input: 2
Output: 6
Ground: All Others

Marking Configuration:

- 1) •: Pad Number 1 Index
- 2) N72A: Part Number
- 3) XXYY: Date(Year/month)

Package: SMD3.0*3.0

Unit: mm



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Typical Performance

