

SURFACE MOUNT 406.1 MHz SAW FILTER

AFS406.1W01-TS31

MSL level: 1

RoHS
Compliant



3.8 x 3.8 x 1.4 mm

FEATURES:

- Low Insertion Loss
- Surface Mount Package

APPLICATIONS:

- RF SAW Filter for Telecommunications

ELECTRONIC SPECIFICATIONS:

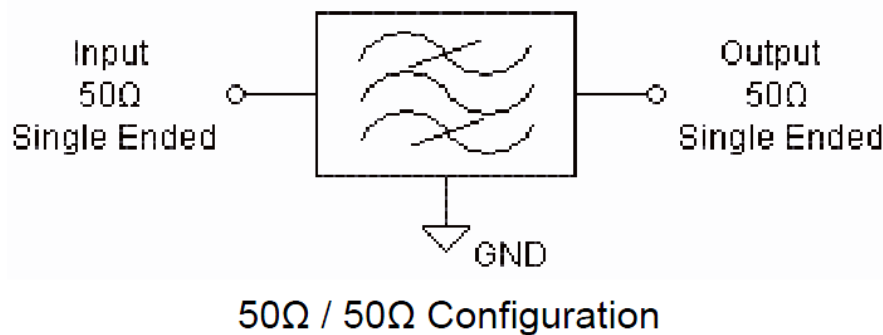
Maximum Ratings

Item	Value
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-45°C to +85°C
DC Voltage (between any terminals)	5V DC
RF Power (in BW)	20 dBm

Electrical Characteristics

Parameters	Minimum	Typical	Maximum	Units	Notes
Center Frequency (f_c)	-----	406	-----	MHz	
Insertion Loss	-----	1.7	2.5	dB	
3dB Bandwidth	8.9	9.1		MHz	
40dB Bandwidth		13.8	16	MHz	
Absolute Attenuation	45	52	-----	dB	0.3000 ~ 396.0MHz
	40	44	-----		416.0 ~ 426.0MHz
	45	47	-----		426.00 ~ 1000.0MHz
Source/Load Impedance	50			Ω	Single Ended

TEST CIRCUIT:



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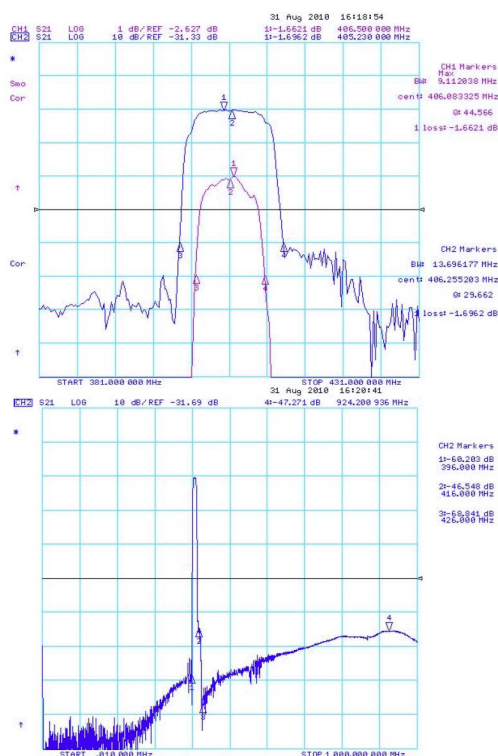
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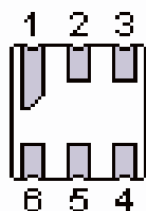
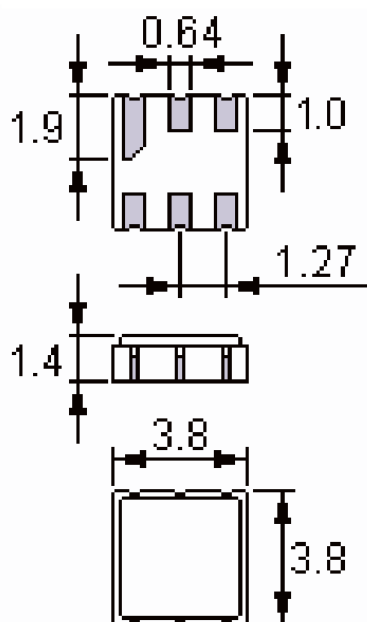


3.8 x 3.8 x 1.4 mm

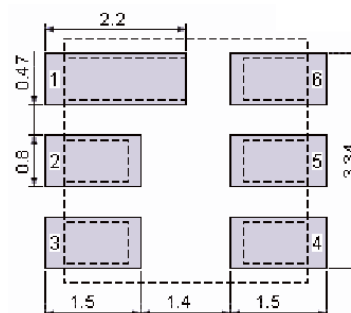
FREQUENCY CHARACTERS:



OUTLINE DRAWING:



Recommended Land Pattern



Pin No.	Function
Pin 2	Input
Pin 5	Output
Pin 1, 3, 4, 6	Case Ground

Dimensions: mm

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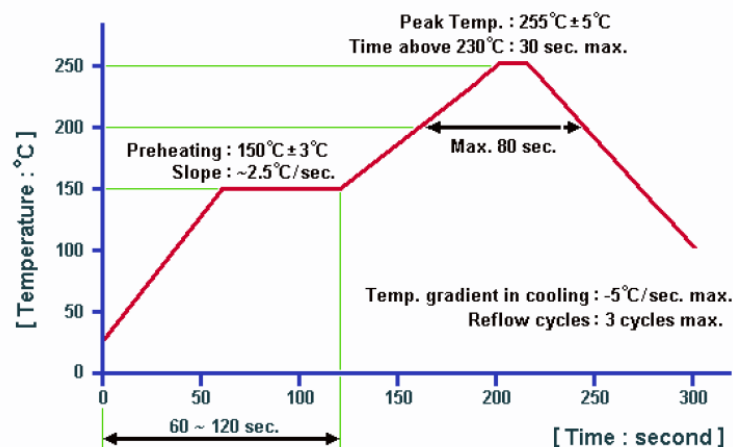
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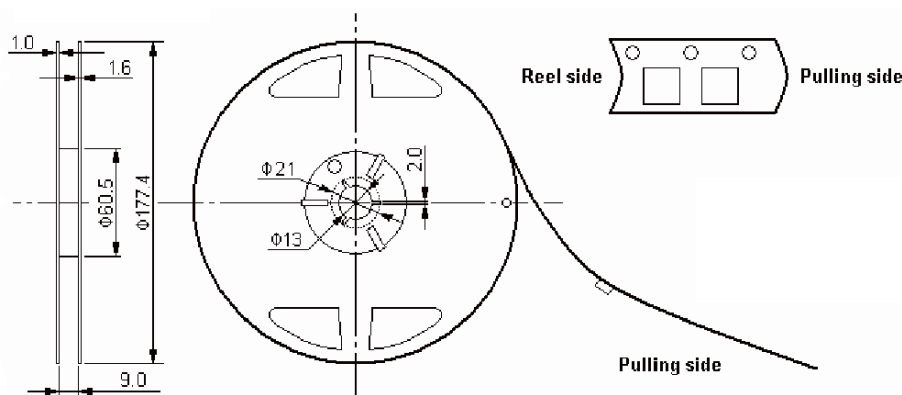
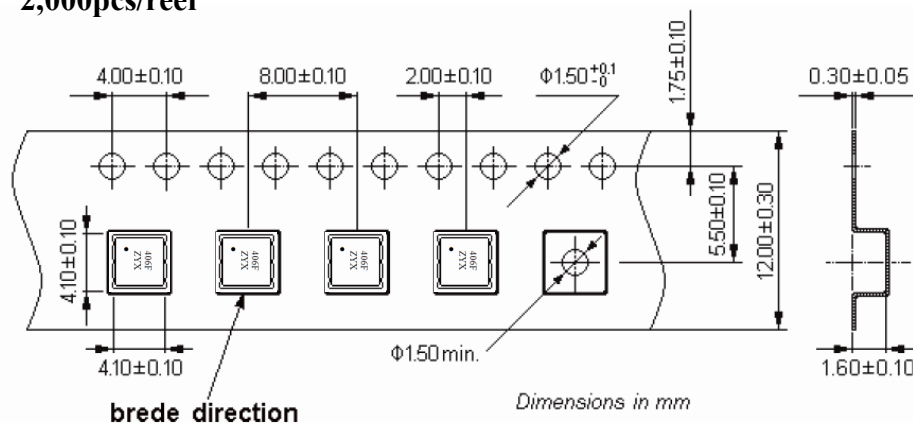
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REFLOW PROFILE:



TAPE & REEL:

Packaging: 2,000pcs/reel



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