

# SURFACE MOUNT 434.0 MHz SAW FILTER

AFS434.0W02-TE



RoHS  
Compliant



5.0 x 5.0 x 1.0 mm

## FEATURES:

- Low Insertion Loss
- Surface Mount Package

## APPLICATIONS:

- RF SAW Filter for Telecommunications

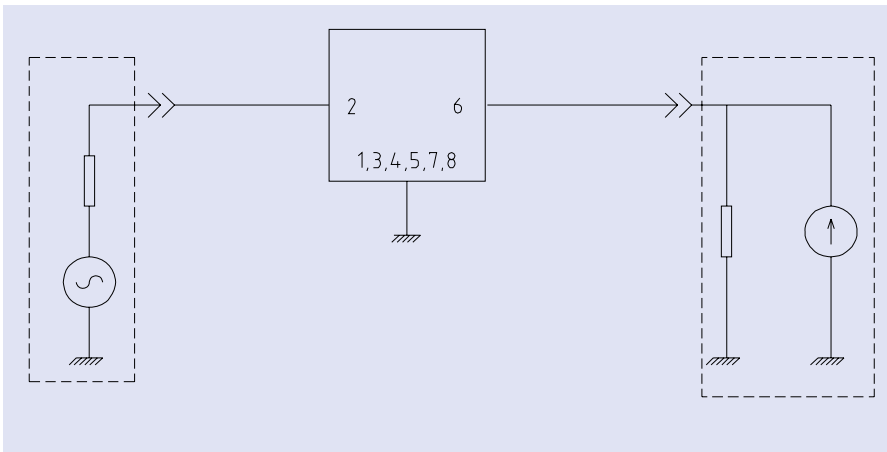
## ELECTRONIC SPECIFICATIONS:

### PARAMETERS

ABRACON P/N: AFS434.0W02-TE

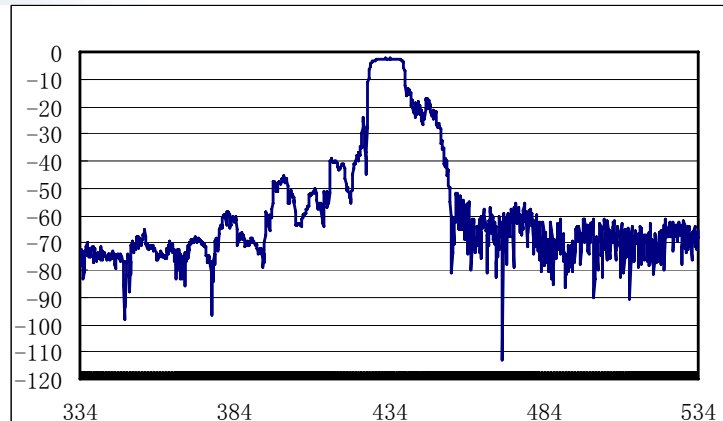
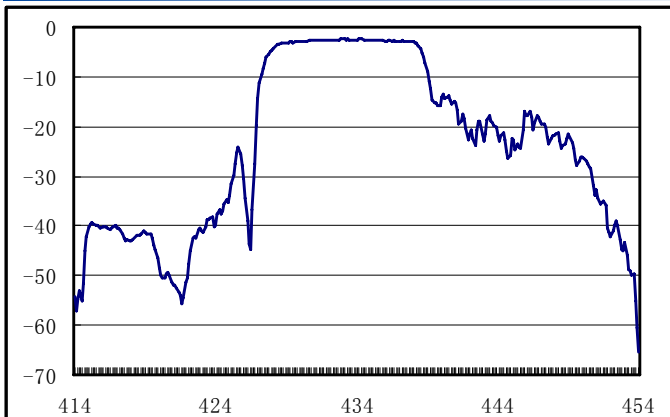
Item	Units	Minimum	Typical	Maximum
Center Frequency Fo	MHz	--	434.0	--
Passband Width	dB	--	4.0	--
Insertion Loss (Fo±2.0MHz)	dB	--	2.0	4.5
Passband Ripple (Fo±2.0MHz)	dB	--	--	2.0
Stop Band Attenuation				
	Fo-100 ~ Fo-40.8	dB	50.0	--
Fo+40.8 ~ Fo+100	dB	50.0	--	--
Terminating Impedance	Ω / pF	--	50 / 0	--

## TEST CIRCUIT:



DC Permissive Voltage:	10Vdc max.
Operating temperature:	-10°C to +50°C
Storage temperature:	-40°C to +85°C
Source Power	0 dBm

## FREQUENCY CHARACTERS:



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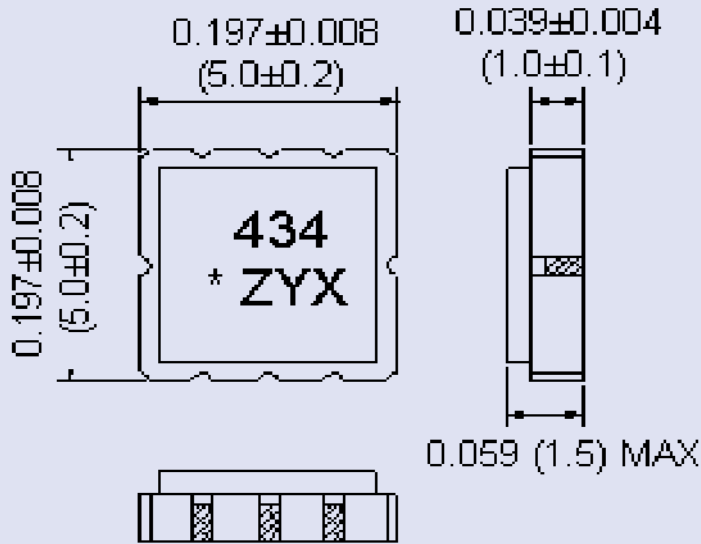


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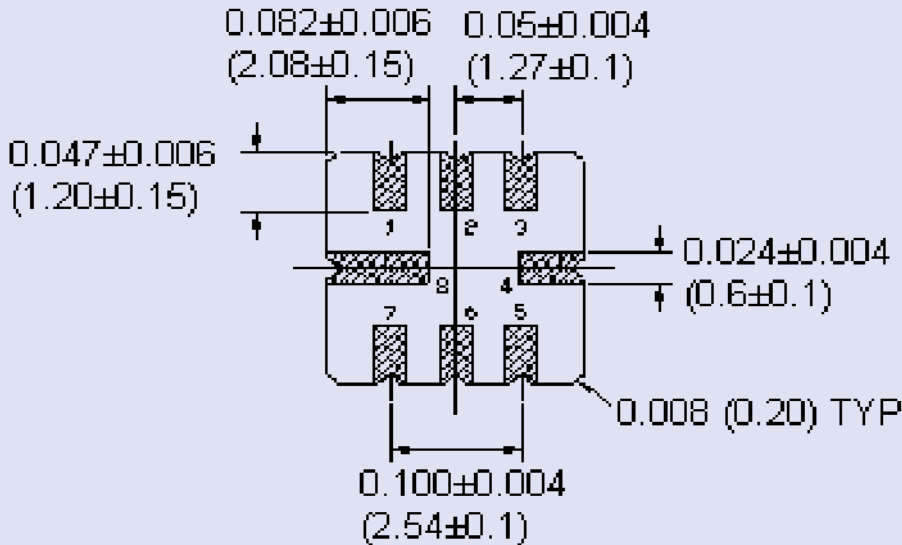


5.0 x 5.0 x 1.0 mm

## OUTLINE DIMENSIONS:



Pin#	Function
2	Input
6	Output
Other	Case Ground



Dimension : Inches (mm)

ABRACON IS  
ISO 9001 / QS 9000  
CERTIFIED



**ABRACON**  
CORPORATION

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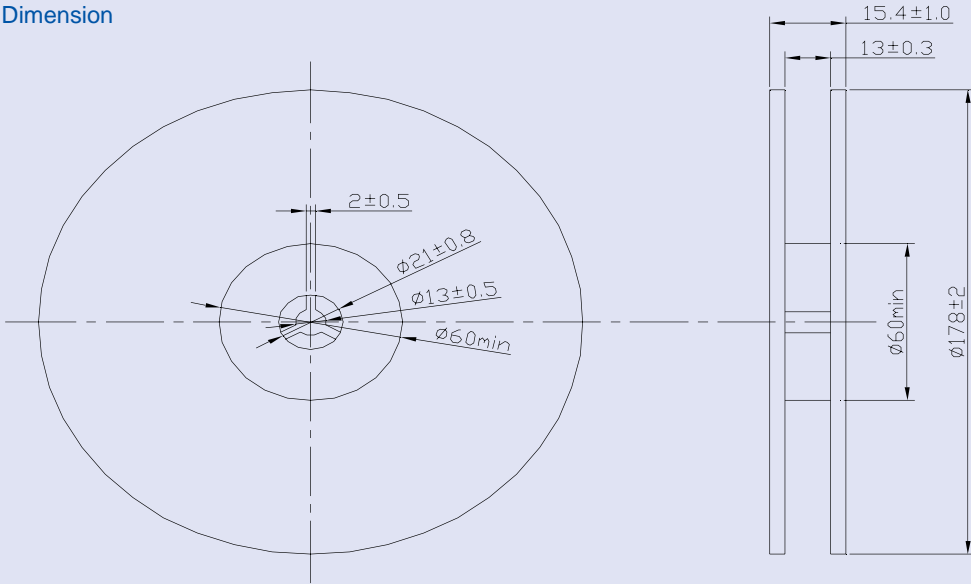
RoHS  
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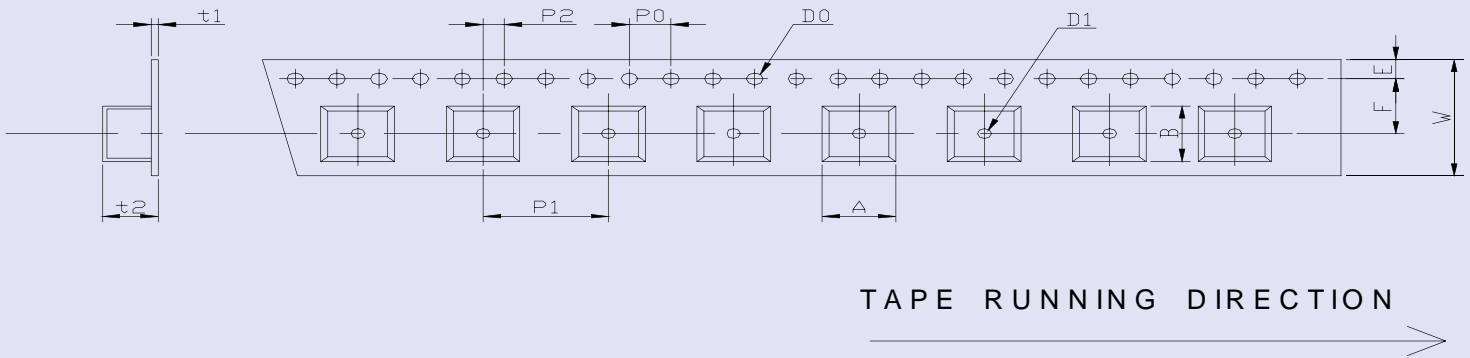
5.0 x 5.0 x 1.0 mm

TAPE & REEL: Tape and reel 1,000pcs/reel

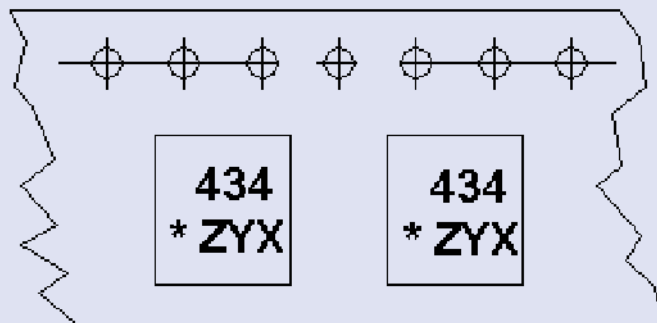
### Reel Dimension



### Tape Dimension



W	F	E	P0	P1	P2	D0	D1	t1	t2	A	B
12.0	5.5	1.75	4.0	8.0	2.0	φ1.5	φ1.5	0.31	1.95	5.5	5.5
±0.3	±0.1	±0.1	±0.2	±0.1	±0.2	±0.1	±0.25	max.	max.	max.	max.



TAPE RUNNING DIRECTION

Dimensions: mm

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