

# SMD 1237 MHz SAW Filter

AFS1237.0W01-TS4

MSL level: 1



RoHS  
Compliant



3.0 x 3.0 x 1.5mm

## FEATURES:

- 3.0 x 3.0 x 1.5mm SMD package
- Low loss

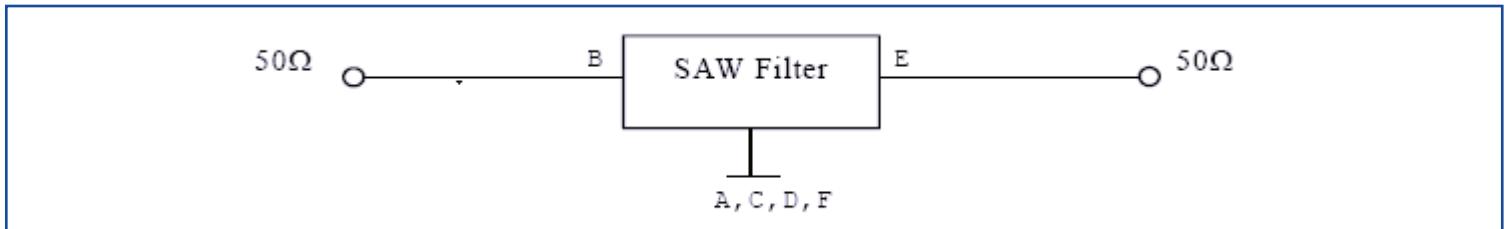
## APPLICATIONS:

- CDMA450
- Wireless communication
- PDA

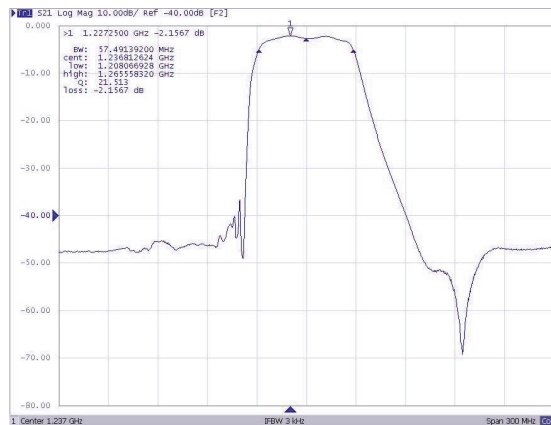
## STANDARD SPECIFICATIONS:

Parameters	Minimum	Typical	Maximum	Units	Notes
Center Frequency ( $f_c$ )	-----	1237	-----	MHz	
Bandwidth @ -3dB	-----	57.5	-----	MHz	
Insertion Loss	-----	2.4	3.0	dB	
Attenuation (Reference level from 0dB)	30	60	-----	dB	1177MHz
	20	50	-----		1187MHz
	20	30	-----		1287MHz
	30	38	-----		1297MHz
Temperature Coefficient of Frequency	-----	-36	-----	ppm/°C	
Operation Temperature Range	-50	-----	+60	°C	
Storage Temperature Range	-50	-----	+85	°C	
DC Permissive Voltage	-----	-----	3	Vdc	
Maximum Input Power	-----	-----	10	dBm	
Input/Output Impedance	50Ω				

## TEST CIRCUIT:



## FREQUENCY CHARACTERISTICS



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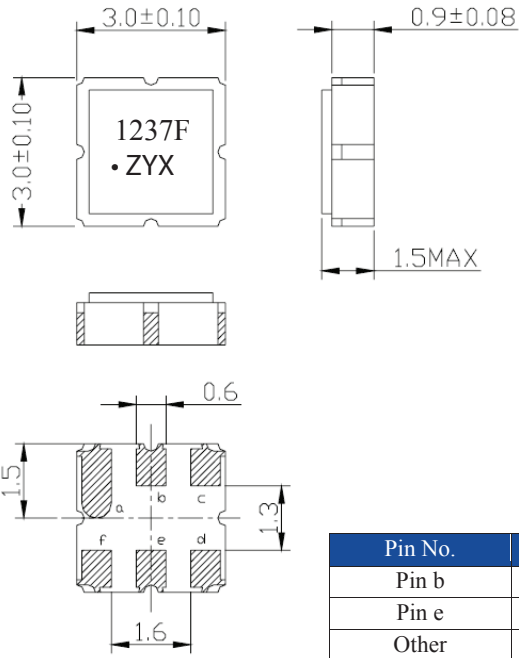


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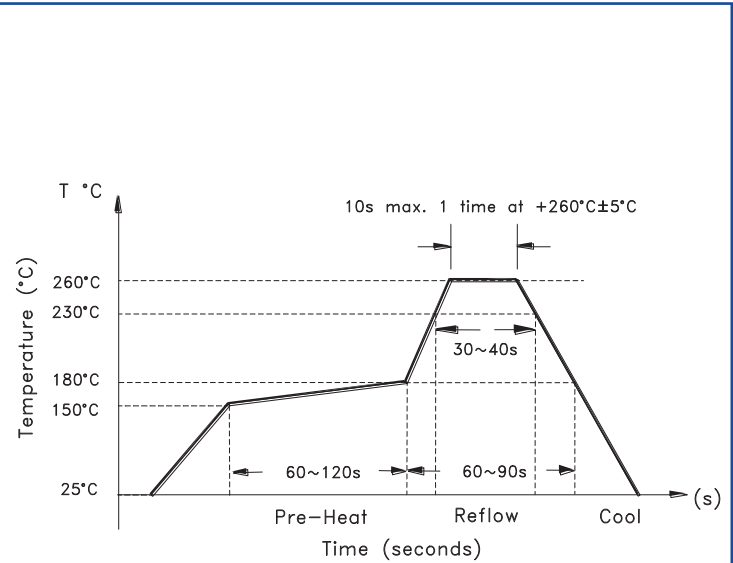


3.0 x 3.0 x 1.5mm

## OUTLINE DIMENSIONS:

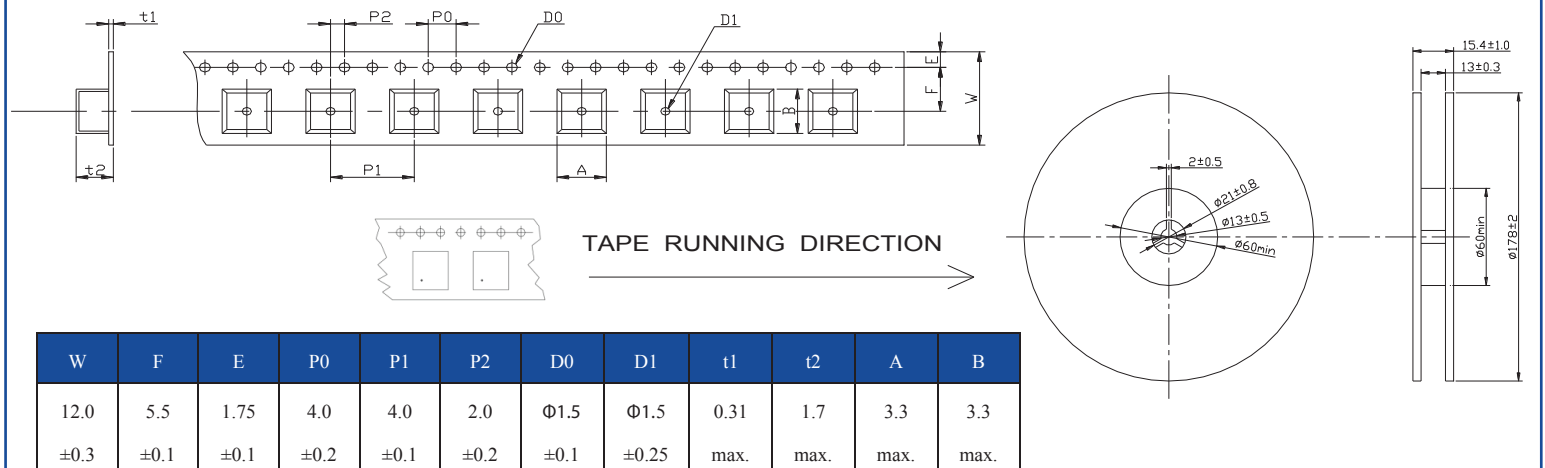


## REFLOW PROFILE:



## TAPE & REEL:

3,000pcs/reel



Dimensions: mm

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ABRACON IS  
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