



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 169MHz SMD 5.0×5.0 mm

TST Parts No.:TA0437A

Customer Parts No.:_____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Elvis Chiu

Approval by: _____ Francis Chen

Date: _____ 2005/03/29



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SAW Filter 169 MHz

MODEL NO.: TA0437A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -10°C to +70°C
4. Storage Temperature: -40°C to +85°C

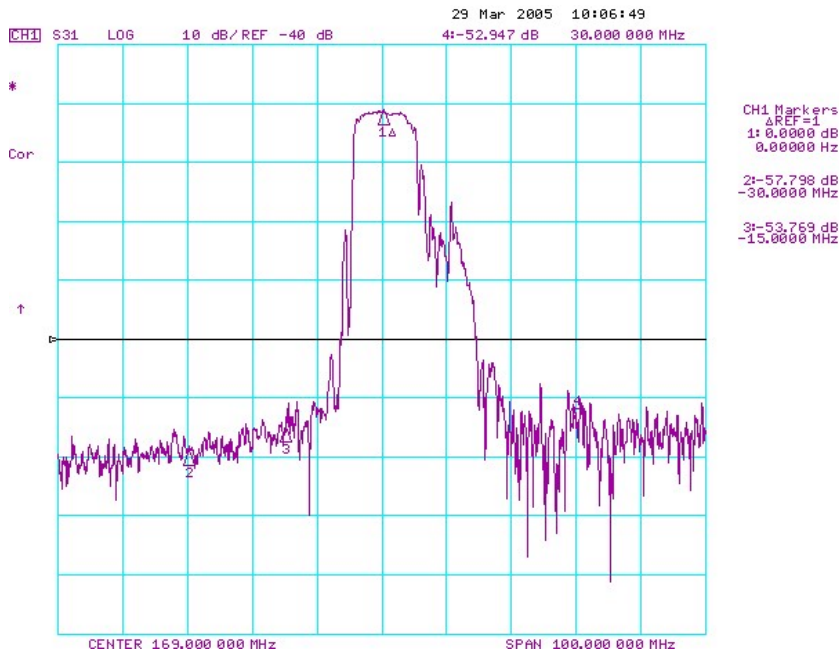
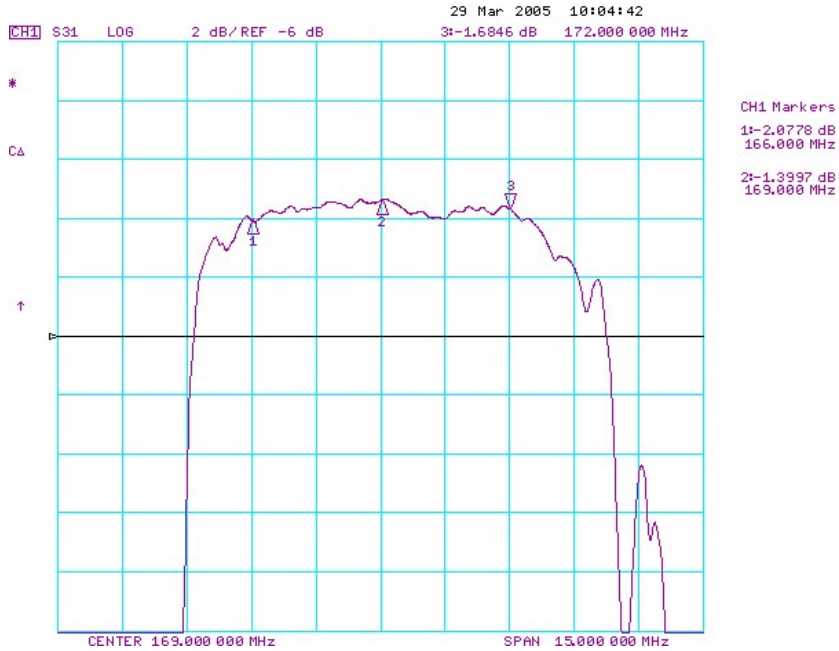
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

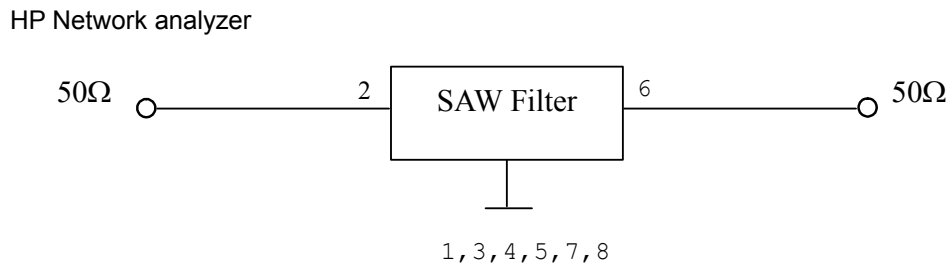
Item		Specification				
		Unit	Min.	Typ.	Max.	
Center Frequency	F _c	MHz	-	169	-	
Insertion Loss	IL _{min} (reference level)	dB	-	1.5	2.8	
Bandwidth	BW _{-3dB}	MHz	6	8.8	-	
Absolute Attenuation(reference to IL _{min} dB)						
	F _c -50 ~ F _c -30	MHz	dB	42	54	-
	F _c -30 ~ F _c -15	MHz	dB	36	52	-
	F _c +30 ~ F _c +50	MHz	dB	40	51	-
Source impedance	Z _s	Ω	-	50	-	
Load impedance	Z _L	Ω	-	50	-	

Note: IL_{min} is the minimum of the pass band attenuation. The center frequency F_c is the mean value of the upper and lower frequencies at the 3dB filter attenuation level relative to the IL_{min}.

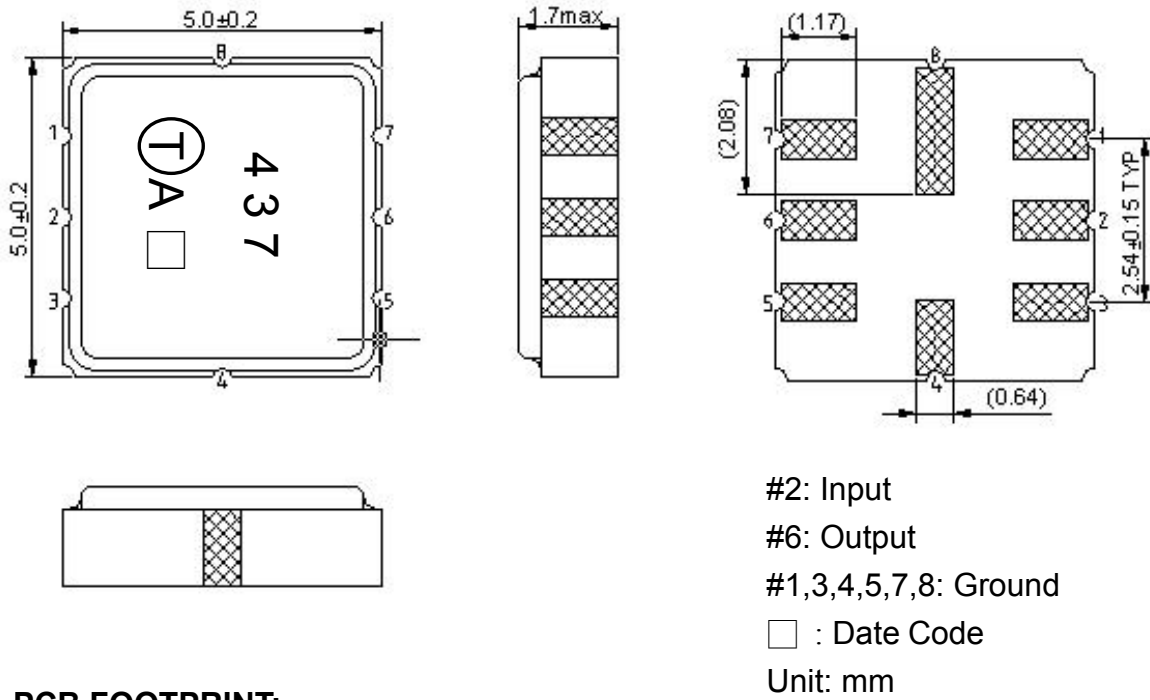
C. Frequency Characteristics :



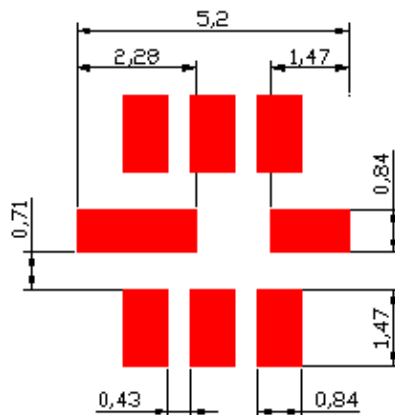
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:

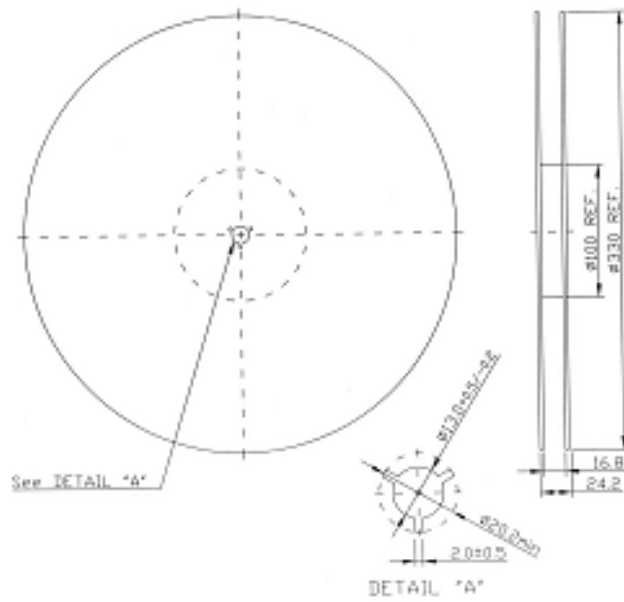


F. PCB FOOTPRINT:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

