



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 460MHz SMD 5.0x5.0mm

TST Parts No.:TA0731A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Andy Yu

Approval by:_____ Francis Chen

Date:_____ 2007/9/28



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SAW Filter 460 MHz

MODEL NO.: TA0731A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 26 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -50°C to +85°C
4. Storage Temperature: -50°C to +85°C

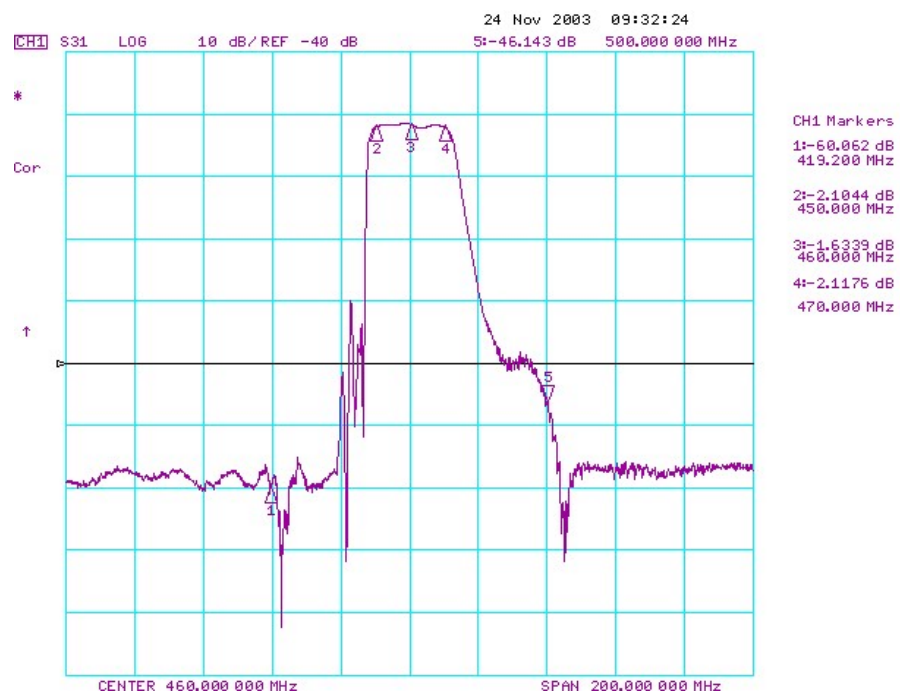
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

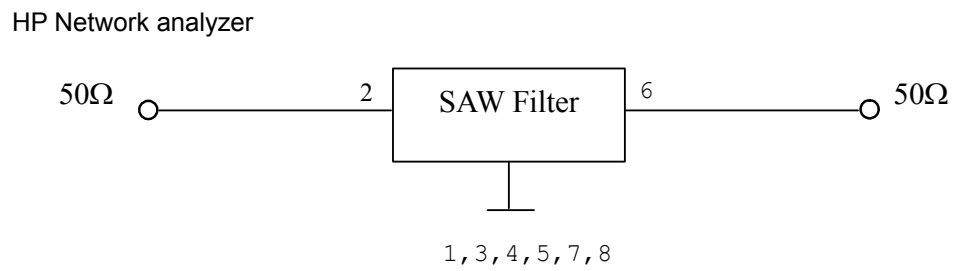
Item	Unit	Min.	Type.	Max.
Center frequency F _c	MHz	-	460	-
Insertion Loss IL _{min} (reference level)	dB	-	1.8	3.0
1dB Bandwidth BW _{-1dB}	MHz	-	21.6	-
3dB Bandwidth BW _{-3dB}	MHz	20	24.5	-
Absolute Attenuation:(Reference level from 0dB)				
F _c -40.8 to F _c -100 MHz	dB	42	57	-
F _c +40 to F _c +100 MHz	dB	40	46	-
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}.

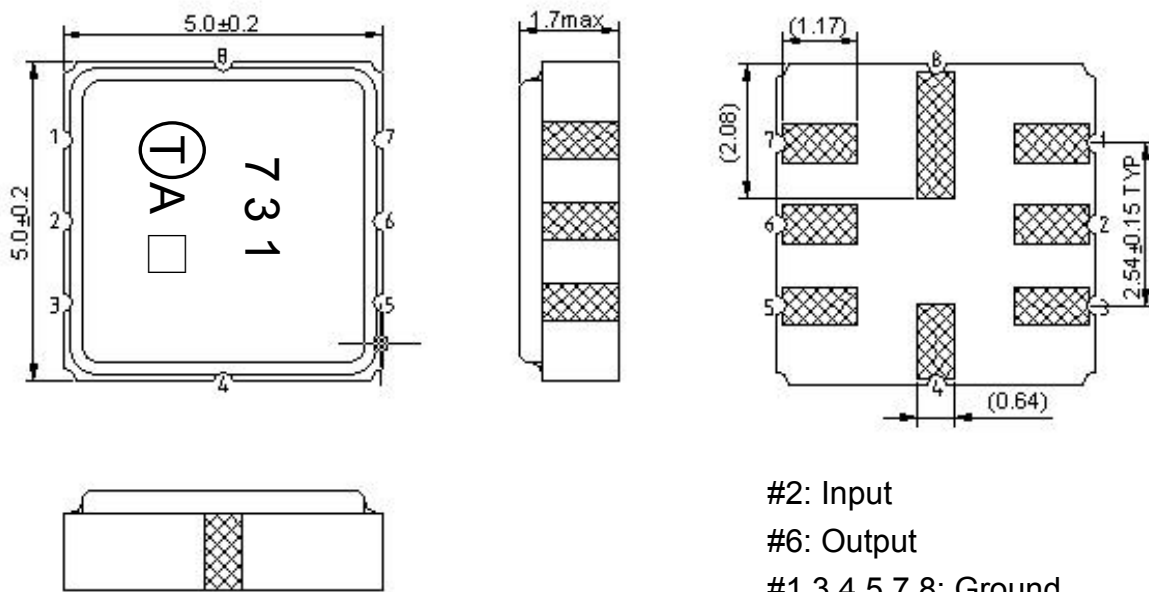
C. Frequency Characteristics :



D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:



#2: Input

#6: Output

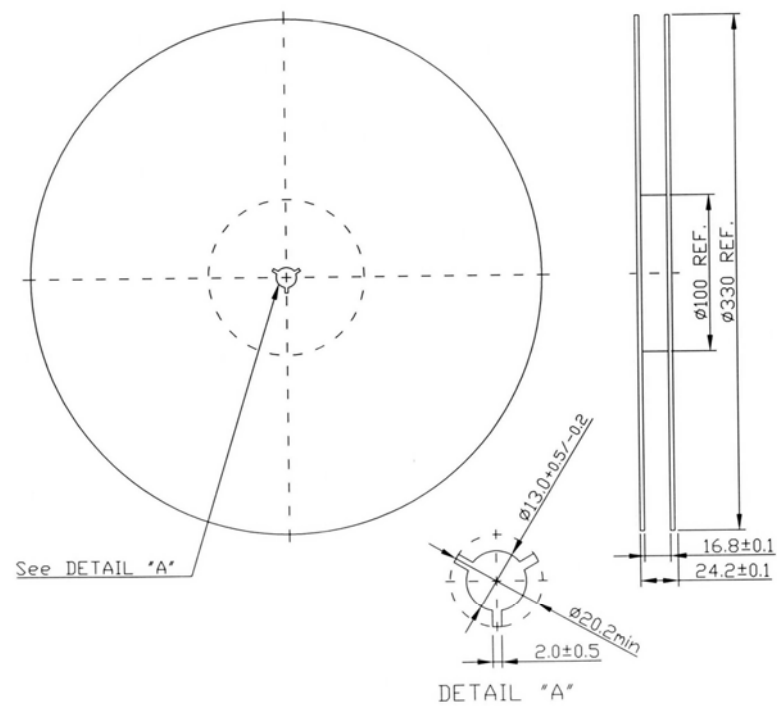
#1,3,4,5,7,8: Ground

□ : Date Code

Unit: mm

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

