



TAI-SAW TECHNOLOGY CO., LTD.

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

TEL: 886-3-4690038 FAX: 886-3-4697532

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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 433.42 MHz SMD 3.8X3.8 mm

TST Parts No.: TA0723A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Asin Lin

Approval by: _____ Francis Chen

Date: _____ 2007/8/03



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SAW Filter 433.42 MHz

MODEL NO.: TA0723A

REV. NO.: 1

A. MAXIMUM RATING:

1. Input Power Level: 0 dB_m
2. DC voltage: 12 V
3. Operating Temperature: -45°C to +85°C
4. Storage Temperature: -45°C to +85°C

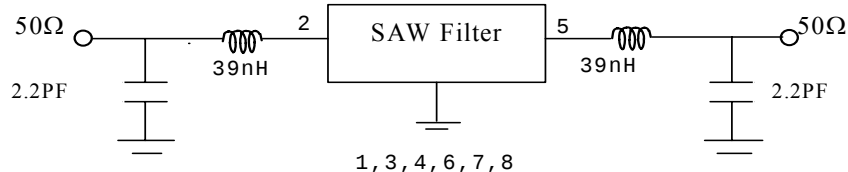
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

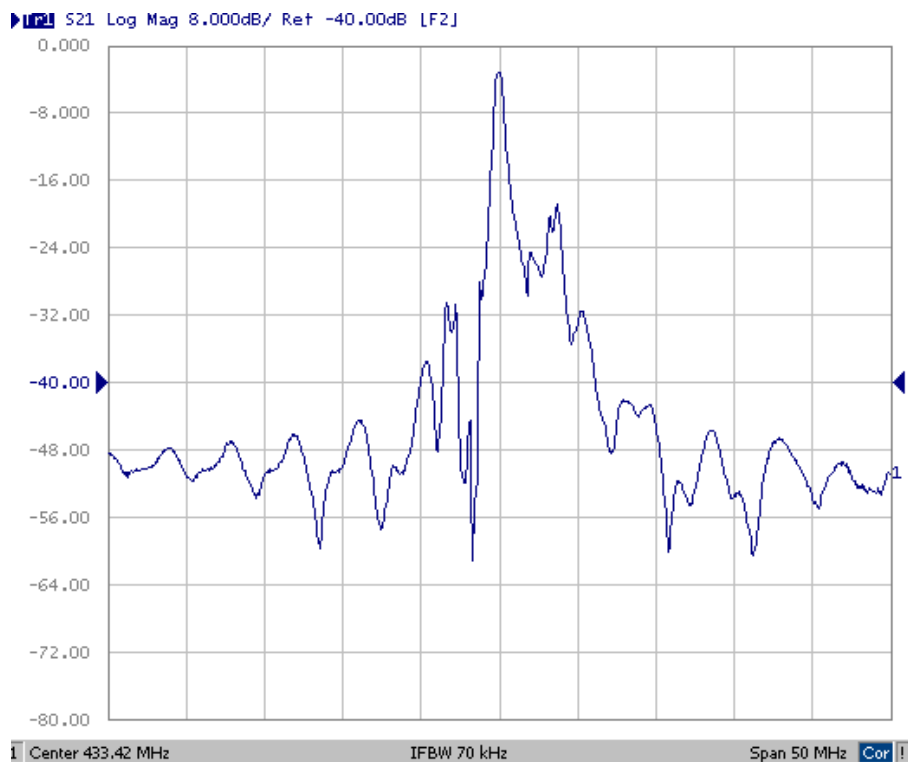
Item	Min.	Typ.	Max.	Note
Center frequency F_c (MHz)	433.3	433.42	433.62	1
Minimum I.L. (433.3~433.62 MHz) (dB) IL_{min}	-	3.2	5.0	
Pass band (relative to IL_{min})				1
433.26~433.58 MHz (dB)	-	-	2.0	
433.24~433.60 MHz (dB)	-	-	3.0	
433.18~433.66 MHz (dB)	-	-	6.0	
Pass bandwidth (relative to IL_{min}) BW_3 (KHz)	500	550	750	
Attenuation:(relative to IL_{min}) (dB)				
413.5~427.5 MHz (dB)	38	42	-	1
427.5~432.34 MHz (dB)	15	24	-	
434.42~441.5 MHz (dB)	10	15	-	
441.5~549.5 MHz (dB)	33	38	-	
Impedance at F_c ; Input $Z_{IN}=R_{IN}/C_{IN}$ Output $Z_{OUT}=R_{OUT}/C_{OUT}$	232Ω // 3.2 pF 232Ω // 3.2 pF			

C. MEASUREMENT CIRCUIT:

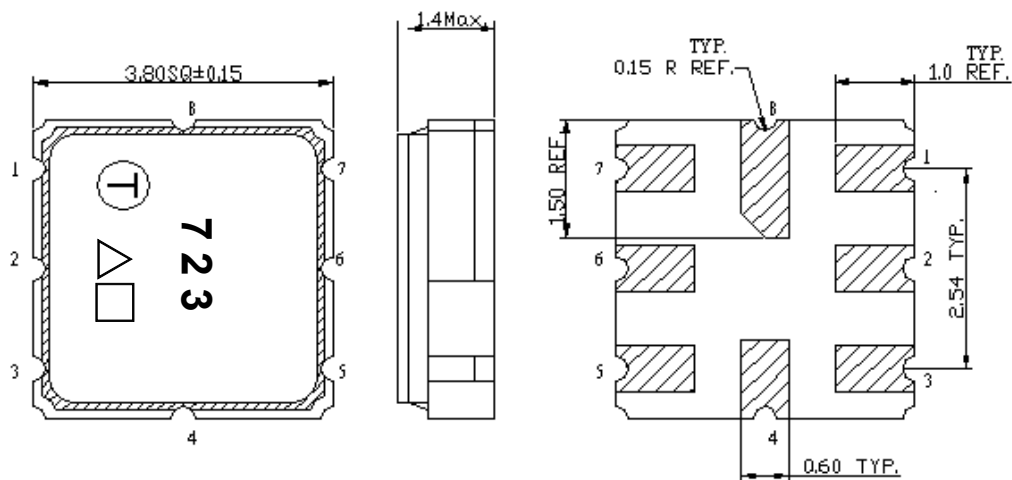
HP Network analyzer



D. Frequency Characteristics :



E.OUTLINE DRAWING:



2 : Input 1 : Input Ground
5: Output 6 : Output Ground
3,4,7,8 Ground

△:Year Code

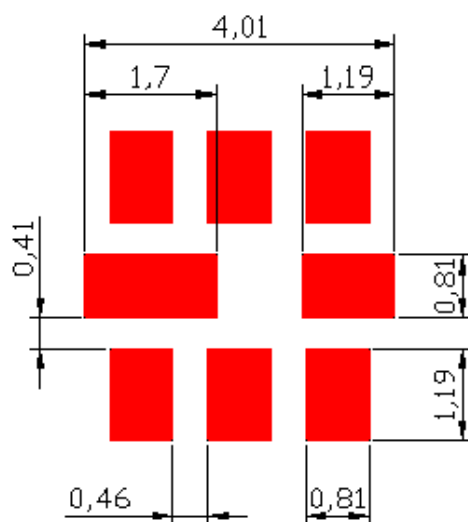
□: Date Code(Follow the table provided by planner each year.)

Unit: mm

△ Product Year Code

Year	2005	2006
	2007	2008
	2009	2010
	.	.
Product Code	A	a

F.PCB FOOTPRINT:

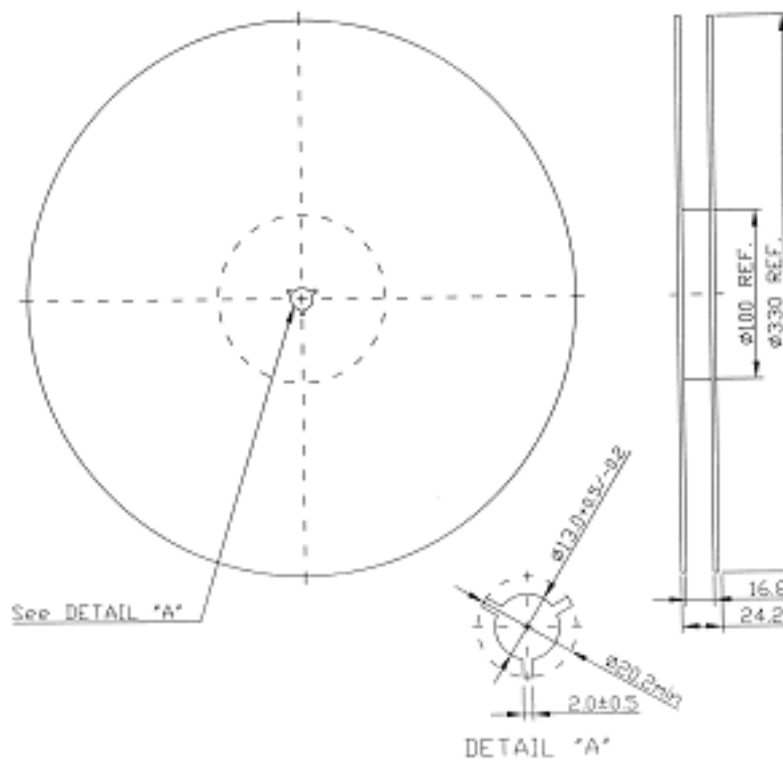


G. PACKING:

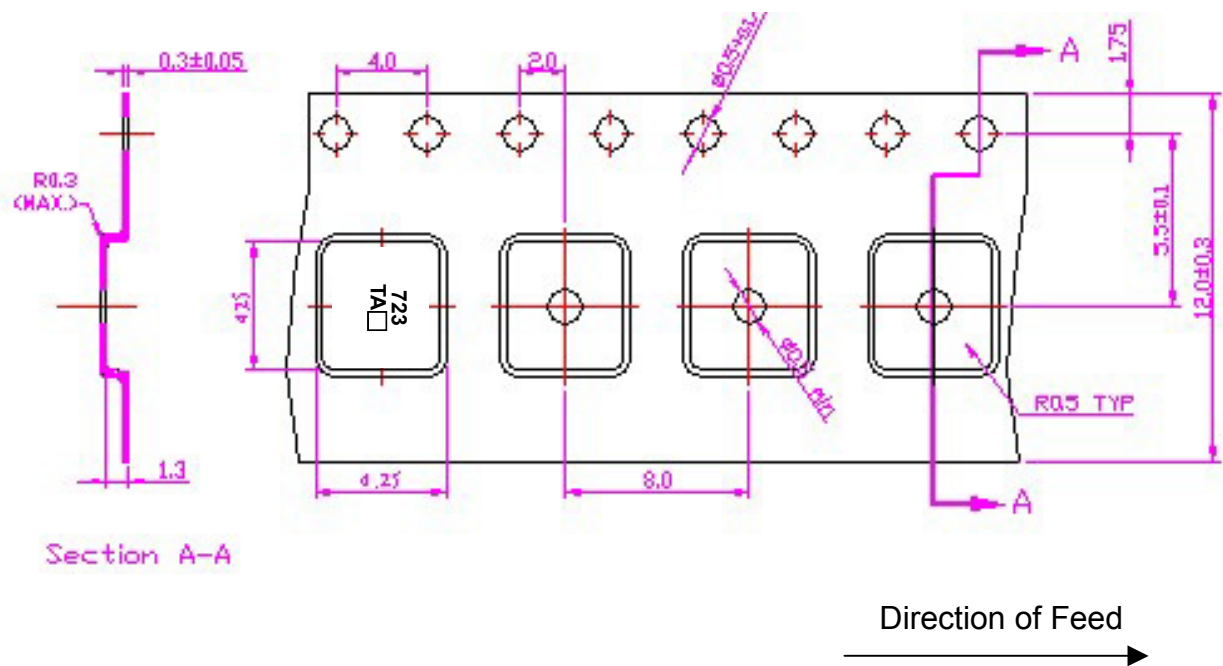
1. REEL DIMENSION

7"=1000

13"=3000



2. TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE:

