



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 500 MHz SMD 5.0x5.0 mm

TST Parts No.: TA0979A

Customer Parts No.: _____

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

Checked by: _____ David Chang 張國智

Approval by: _____ Francis Chen 陳國智

Date: _____ 2009/02/02



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SAW Filter 500 MHz

MODEL NO.: TA0979A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 5 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

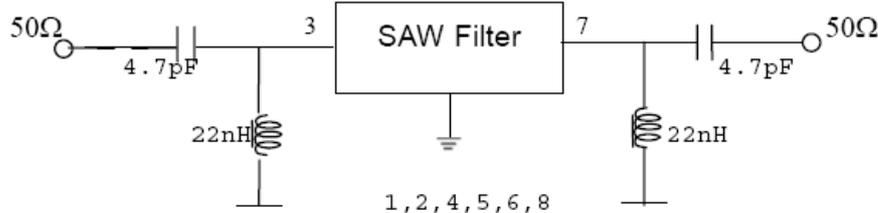
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

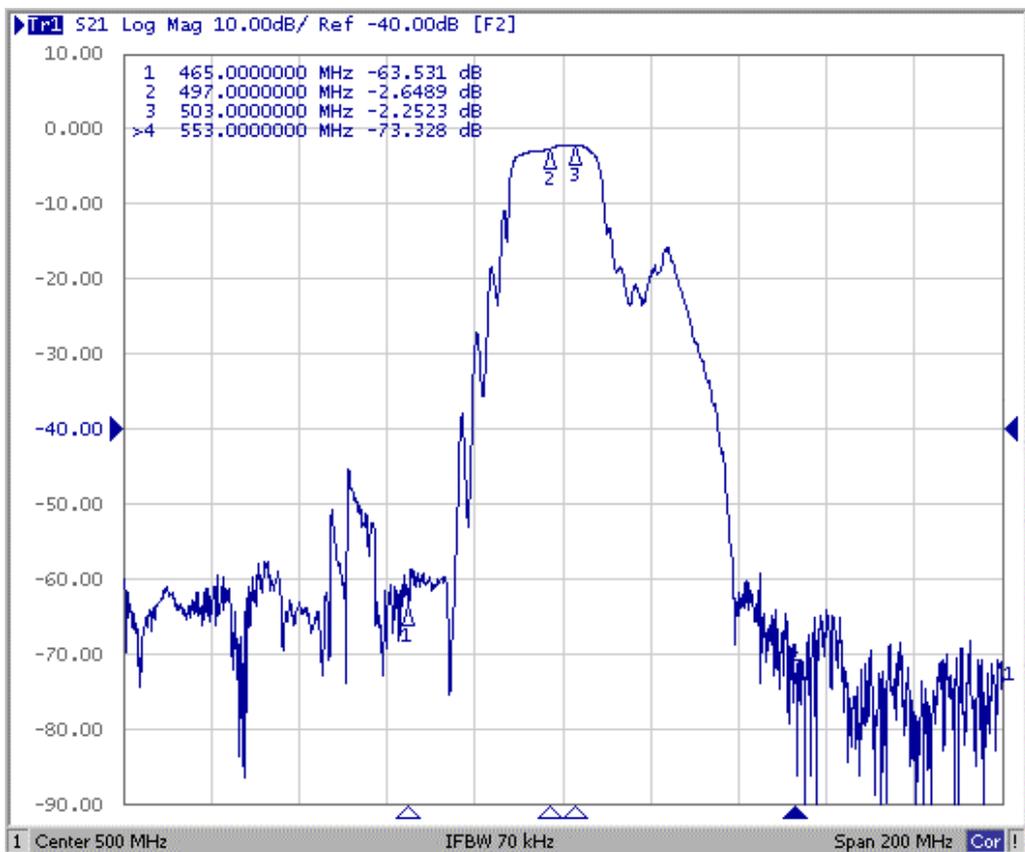
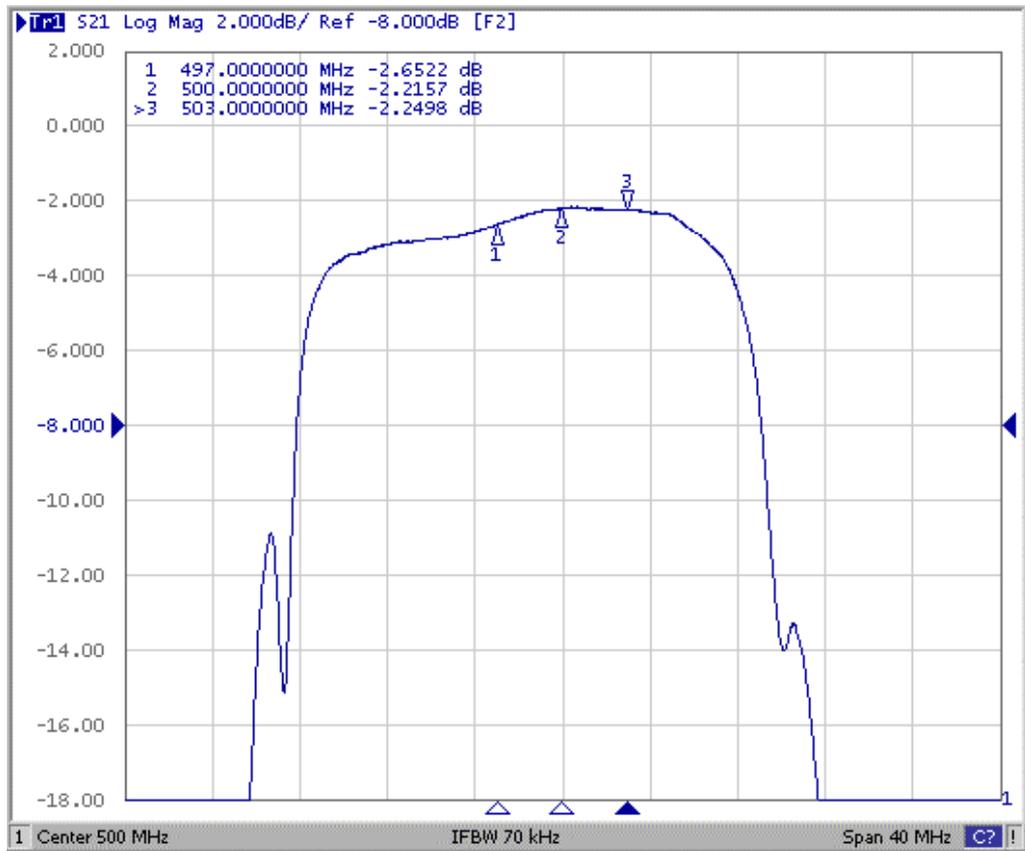
Item	Unit	Min.	Type.	Max.
Center frequency Fc	MHz	-	500	-
Insertion Loss 497 ~ 503 MHz	IL	-	2.7	4.7
Amplitude ripple 497 ~ 503 MHz	dB	-	0.4	2.0
Attenuation:(Reference level from 0 dB)				
412 ~ 434 MHz	dB	39	50	-
434 ~ 465 MHz	dB	33	43	-
553 ~ 567 MHz	dB	33	50	-
567 ~ 588 MHz	dB	40	55	-

C. MEASUREMENT CIRCUIT:

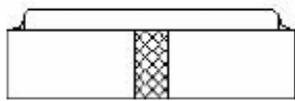
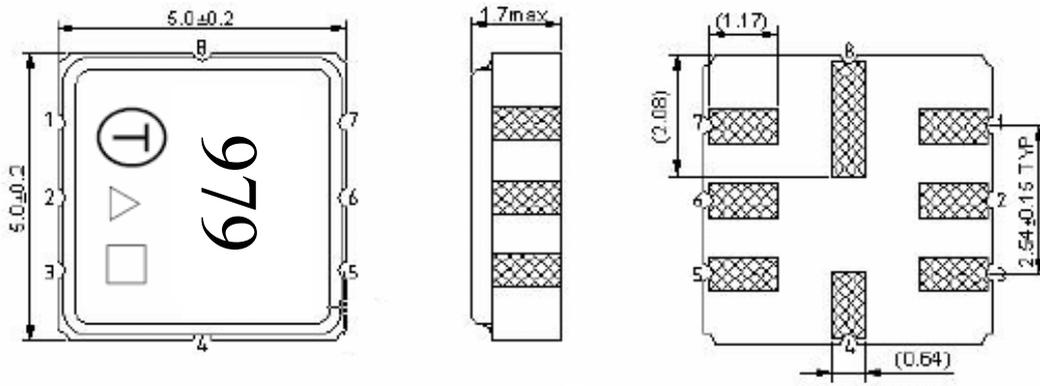
HP Network analyzer



D. Frequency Characteristics :



E.OUTLINE DRAWING:



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

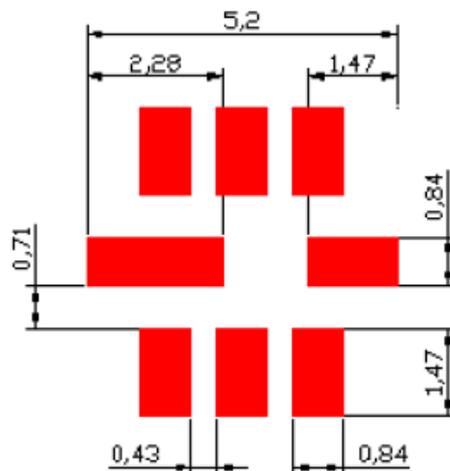
Data code : See the table

WK	01	02	...	26	27	28	...	52
Code	A	B	...	Z	a	b	...	z

Year code : See the table

Year	2005	2006	2007	2008
	2009	2010	2011	2012
Code	A	a	<u>A</u>	<u>a</u>

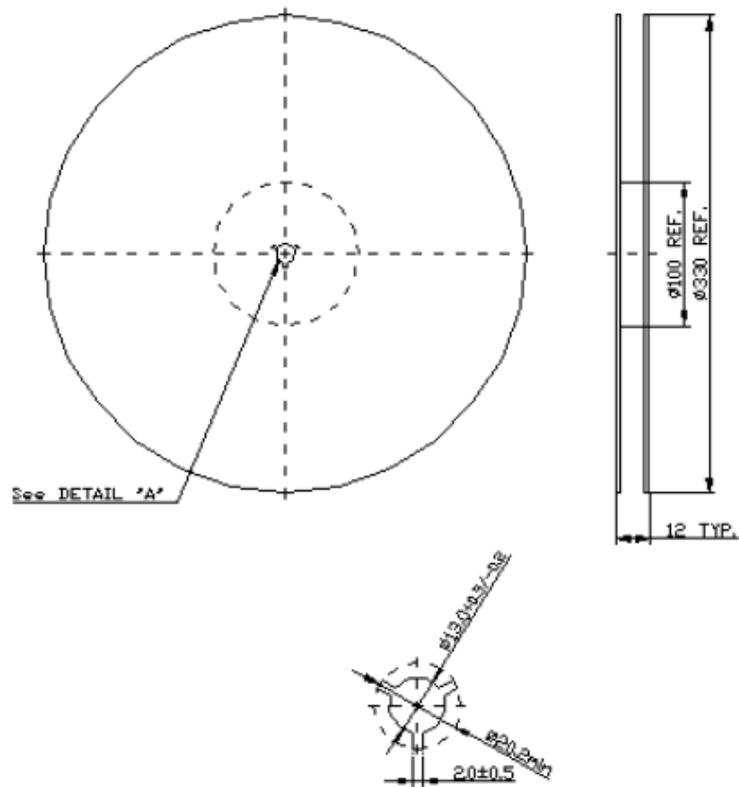
F. PCB FOOTPRINT:



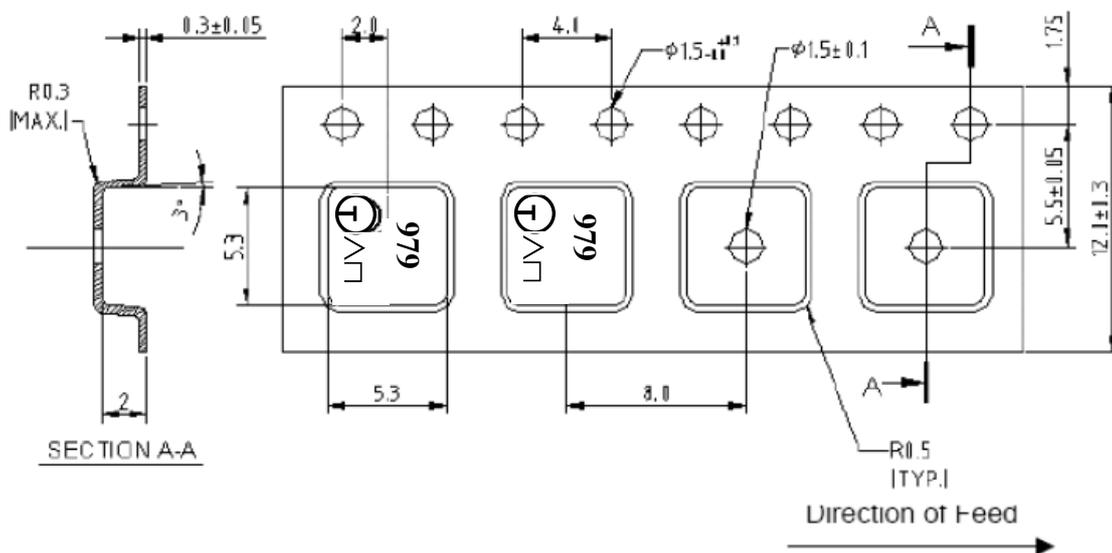
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7"=1000 ; 13"=3000 or per the request of customer order)



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

