



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 504 MHz SMD 5.0x5.0 mm

TST Parts No.: TA0978A

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 504 MHz

MODEL NO.: TA0978A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 0 dB_m
2. DC voltage: 10 V
3. Operating Temperature: -10°C to +50°C
4. Storage Temperature: -40°C to +85°C

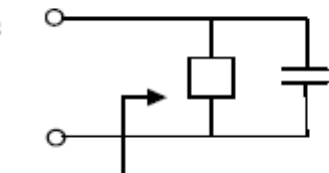
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.
Center frequency Fc	MHz	-	504	-
Insertion Loss 500 ~ 508 MHz IL	dB	-	2.5	4.5
Amplitude ripple 500 ~ 508 MHz	dB	-	0.3	2.5
Attenuation:(Reference level from 0 dB)				
404 ~ 463.2 MHz	dB	42	53	-
544 ~ 604 MHz	dB	42	50	-
Impedance at Fc: Input Z _{in} = R _{in} // C _{in} Output Z _{out} = R _{out} // C _{out}	Ω	50Ω // 0pF 50Ω // 0pF		

Source impedance

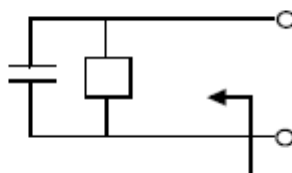
50Ω



Z_{IN}=50Ω // 0pF

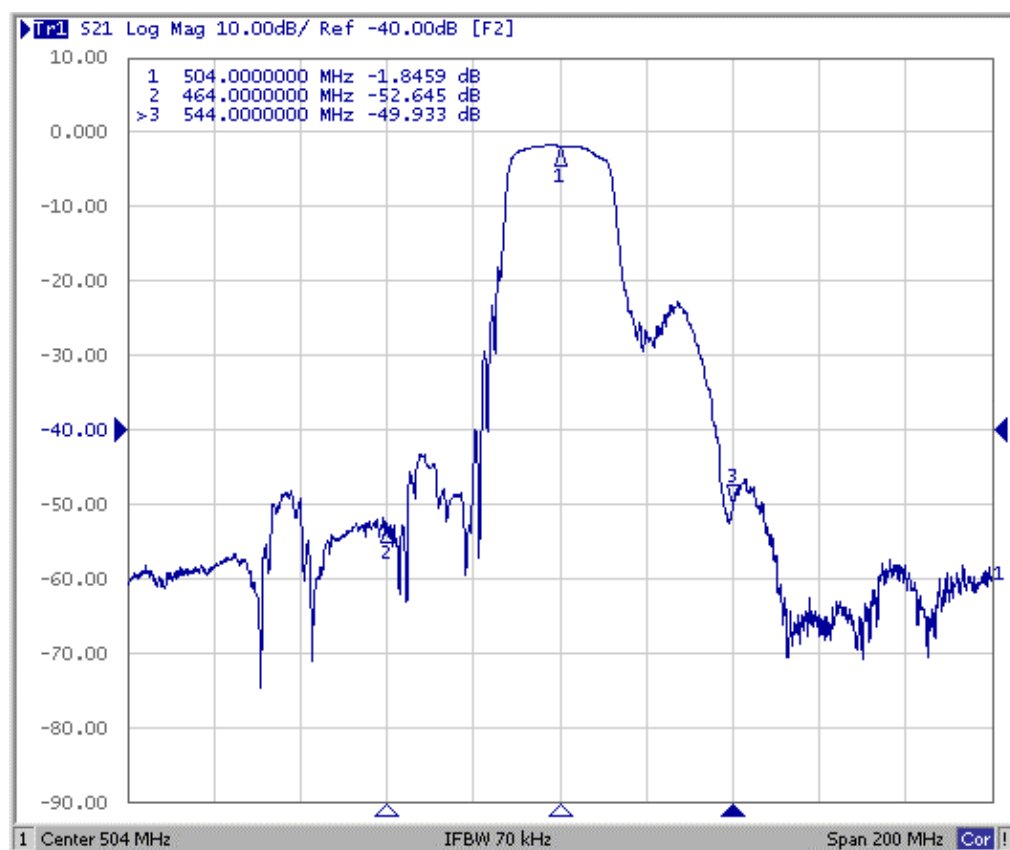
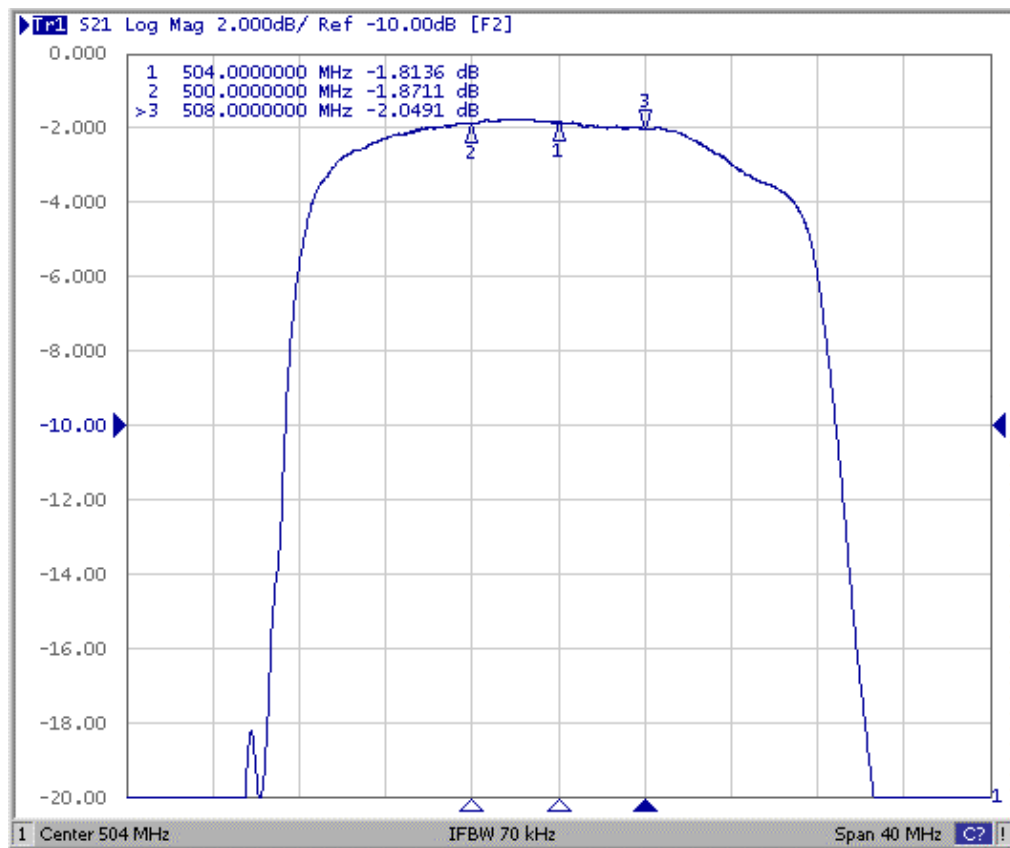
Load impedance

50Ω

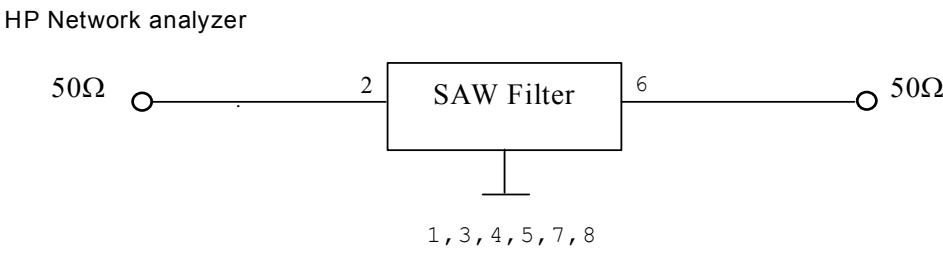


Z_{OUT}=50Ω // 0pF

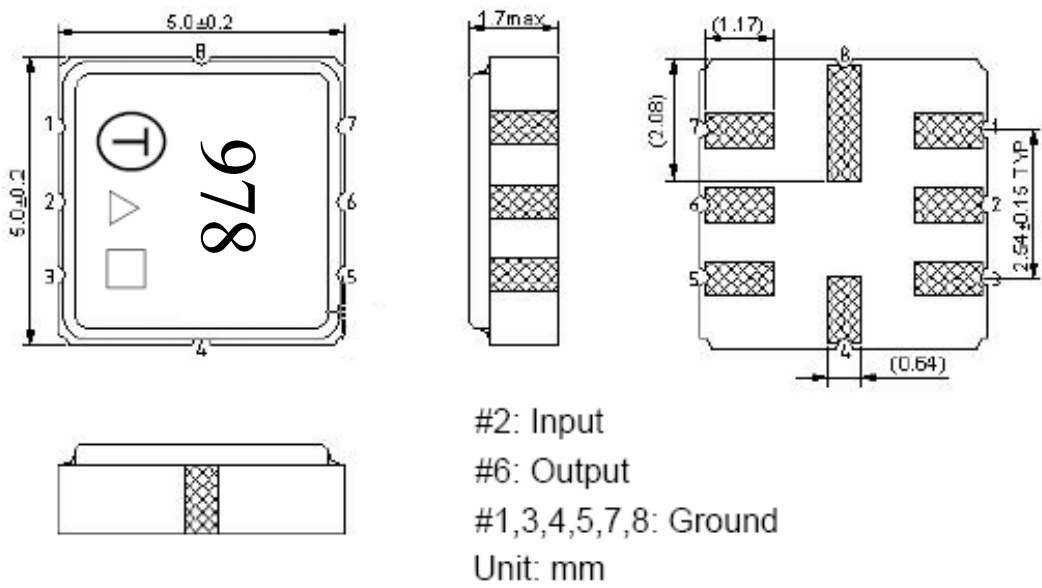
C. Frequency Characteristics :



D. MEASUREMENT CIRCUIT:



E.OUTLINE DRAWING:



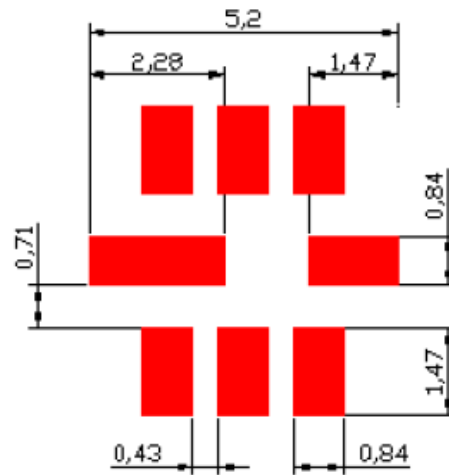
□ Data code : See the table

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>

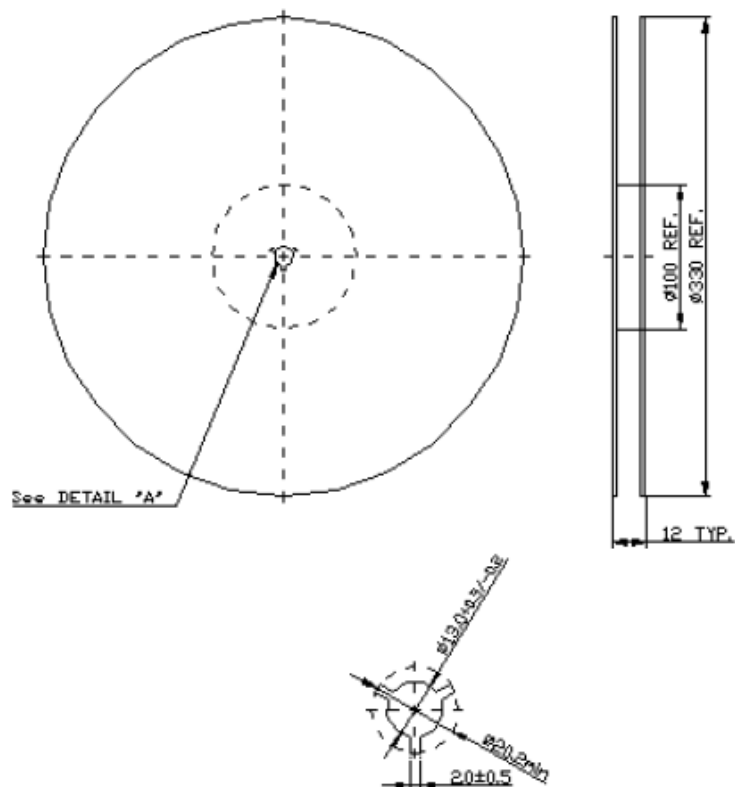
F. PCB FOOTPRINT:



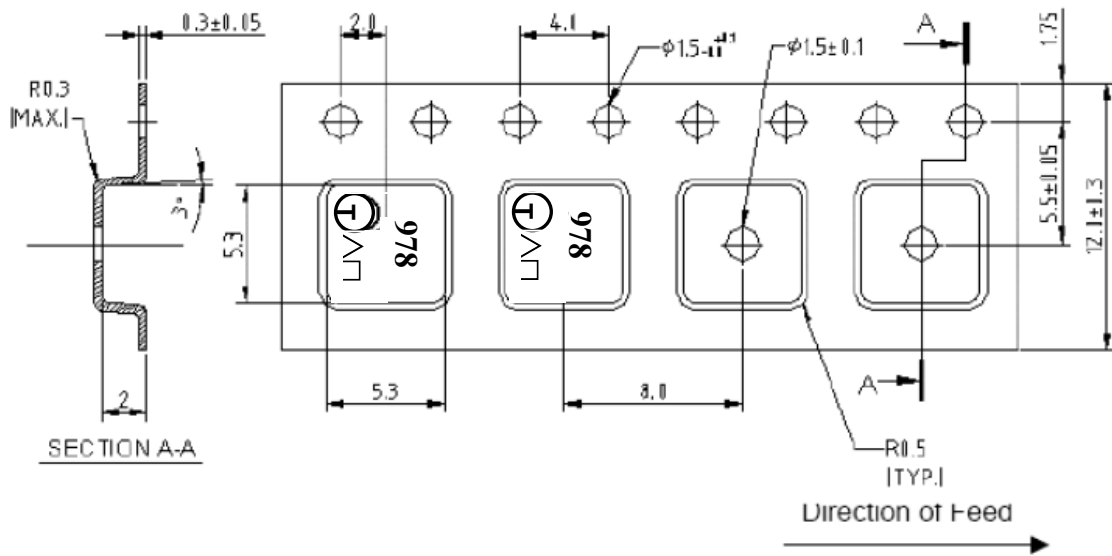
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

