



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: February, 14, 2008

Product Name: SAW Filter 656MHz SMD 5*5 mm (**BW=11MHz**)

TST Parts No.: :TA0818A

Customer Parts No.: _____

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

Checked by: Paul Ni

Approval by: Francis Chen

Date: 2008/2/14



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SAW Filter 656 MHz

MODEL NO.: TA0818A

REV. NO : 1.0

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

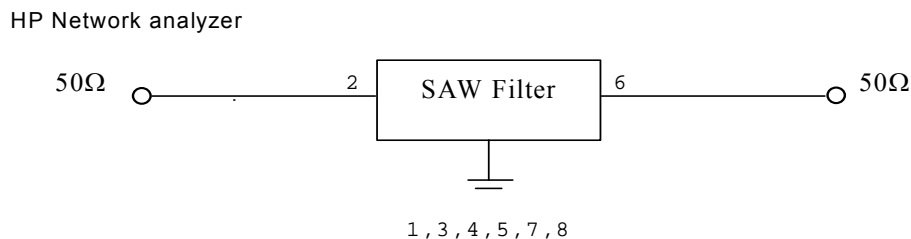
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

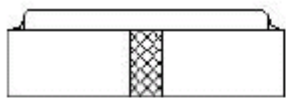
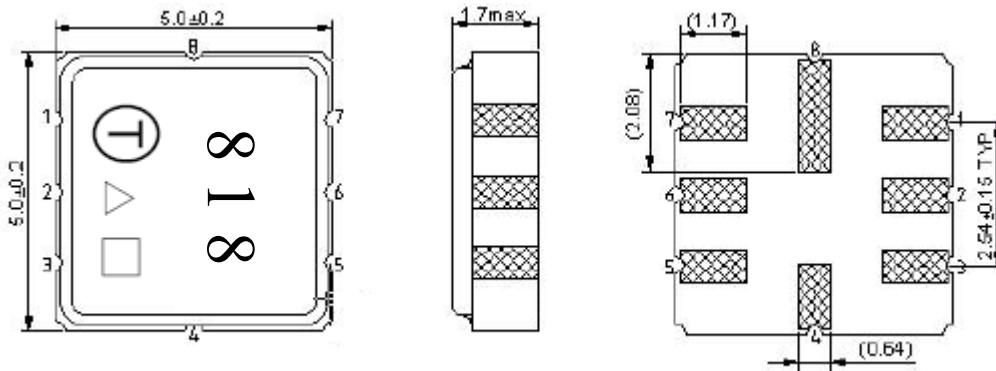
Item	Unit	Min.	Typ.	Max.
Center frequency	F _o (dB)	-	656	-
Insertion loss at F _o	IL (dB)	-	2.3	3.5
3 dB bandwidth	MHz	-	11	-
Ripple (654.5~657.5 MHz)	(dB)	-	0.15	1.0
Attenuation (Reference level from 0 dB)				
10 ~ 638 MHz	(dB)	40	43.9	-
666 ~ 676 MHz	(dB)	8	30.1	-
676 ~ 700 MHz	(dB)	40	48.8	-
Temperature Coefficient	Ppm/°C	-	-36	-
Source impedance	Z _s (Ω)	-	50	-
Load impedance	Z _L (Ω)	-	50	-

C. MEASUREMENT CIRCUIT:

50 Ohm Test circuit (single-ended / single-ended)



D.OUTLINE DRAWING:



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

#2: Input

#6: Output

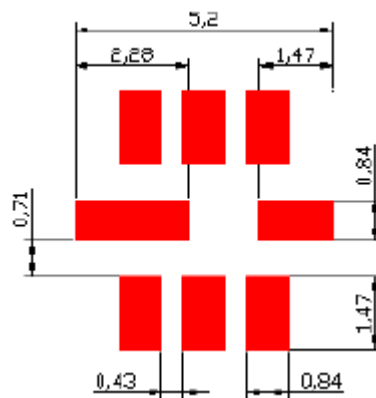
#1,3,4,5,7,8: Ground

△ : Year Code

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

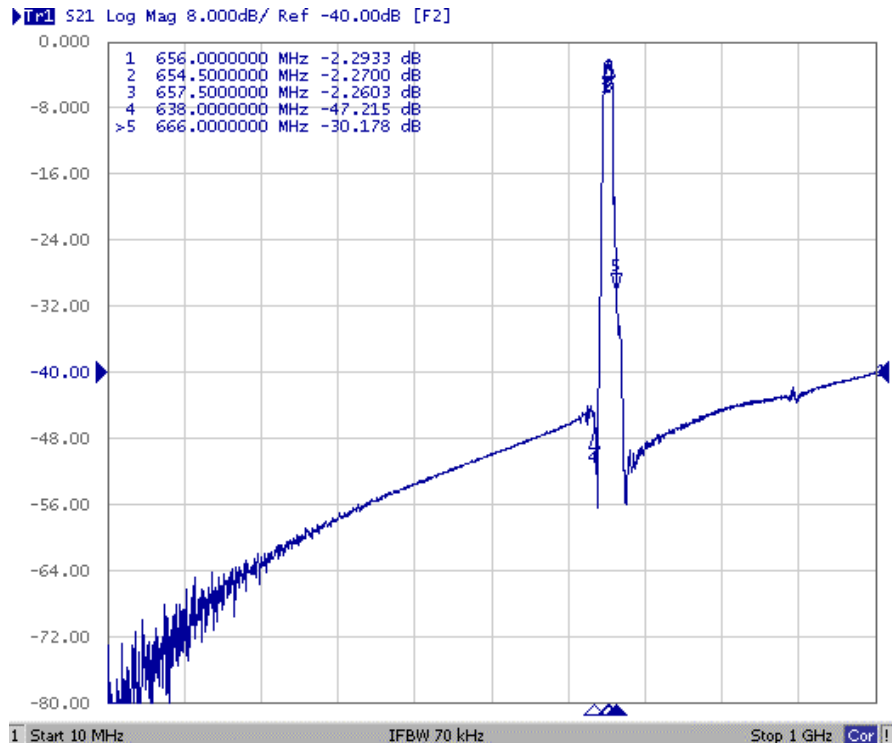
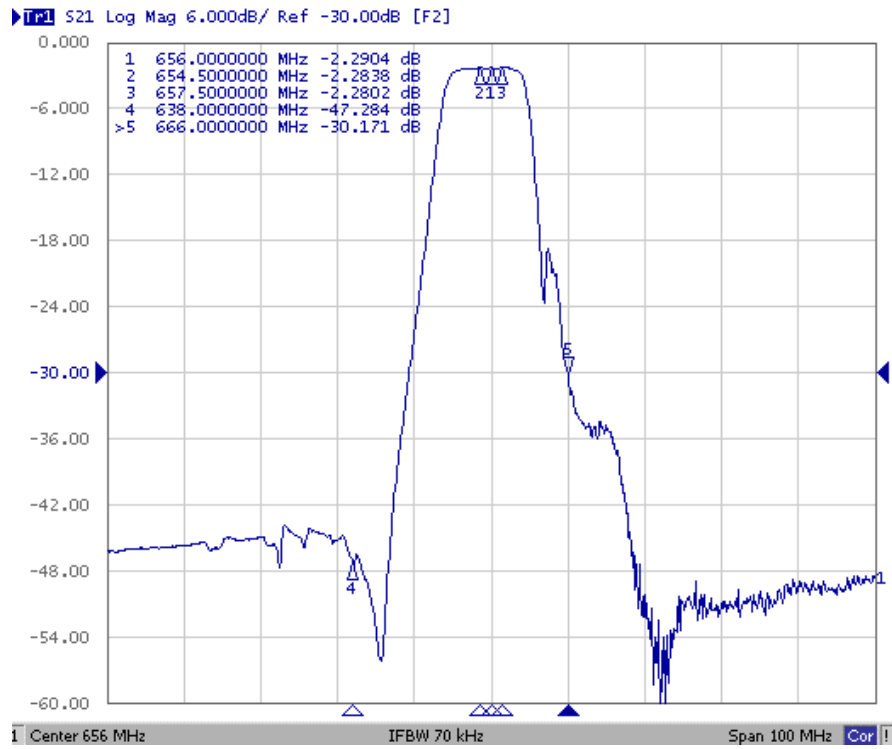
Unit: mm

E. PCB Footprint :



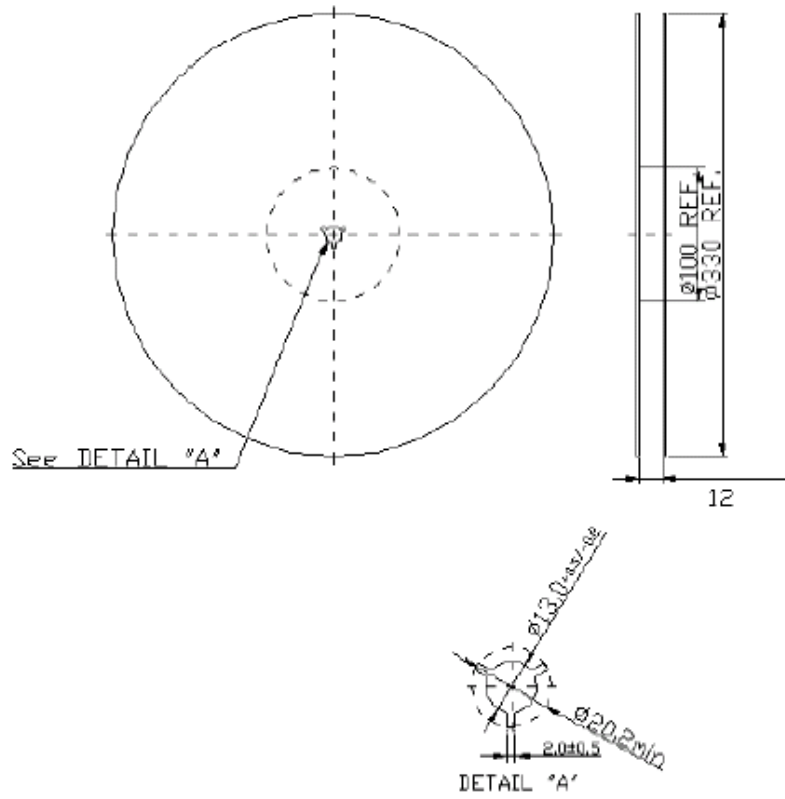
F. Frequency Characteristics :

Transfer function

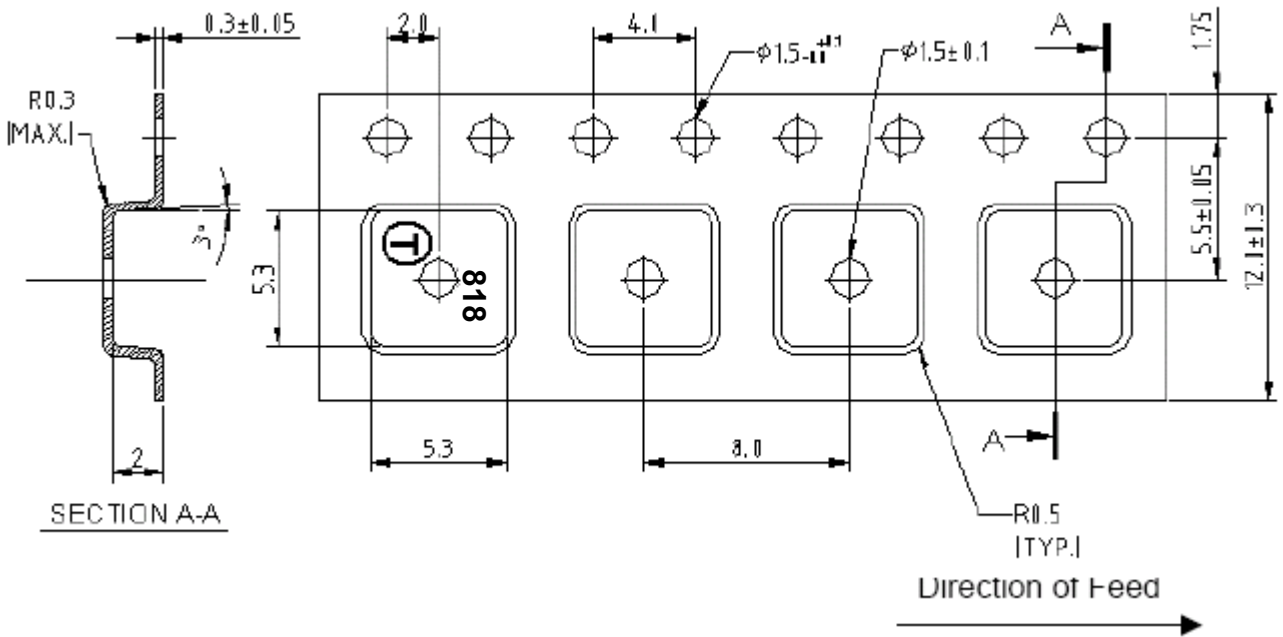


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE:

