



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 638MHz SMD 5*5 mm (**BW=11MHz**)

TST Parts No.: TA0817A

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 638 MHz

MODEL NO.: TA0817A

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

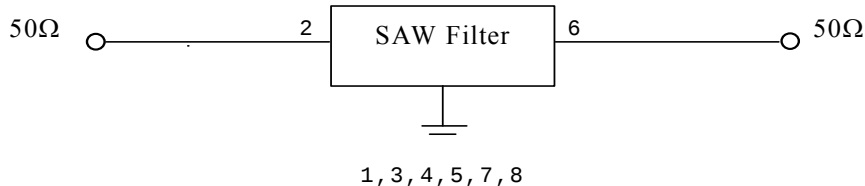
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency F_o	MHz	-	638	-
Insertion loss at F_o	dB	-	2.4	3.5
3 dB bandwidth	MHz	-	11	-
Ripple (636.5~639.5 MHz)	dB	-	0.18	1.0
Attenuation (Reference level from 0 dB)				
10 ~ 618 MHz	dB	40	44.5	-
618 ~ 628 MHz	dB	8	30.7	-
656 ~ 660 MHz	dB	35	46.0	-
660 ~ 700 MHz	dB	40	48.9	-
Temperature Coefficient	Ppm/°C	-	-36	-
Source impedance Z_s	(Ω)	-	50	-
Load impedance Z_L	(Ω)	-	50	-

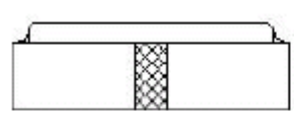
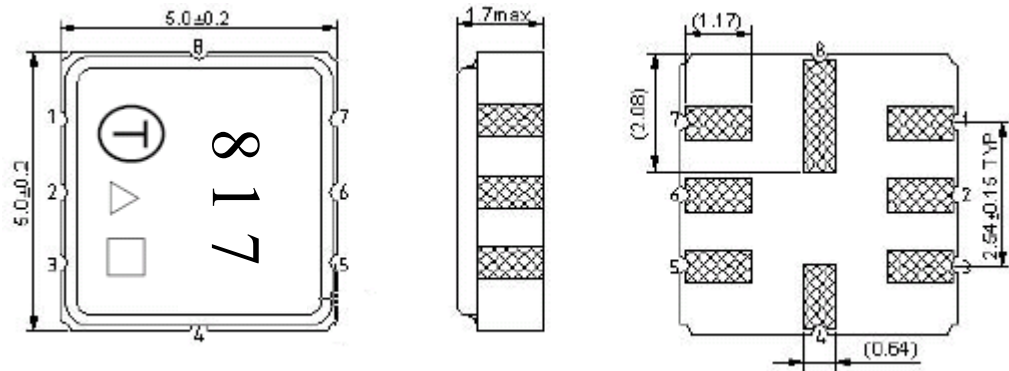
C. MEASUREMENT CIRCUIT:

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

HP Network analyzer



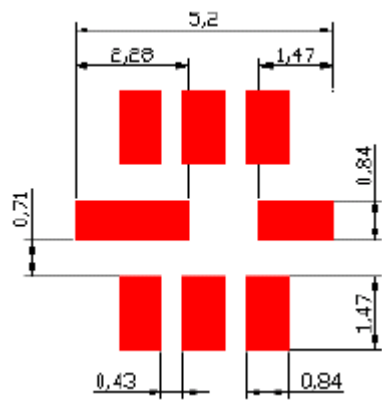
D.OUTLINE DRAWING:



#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

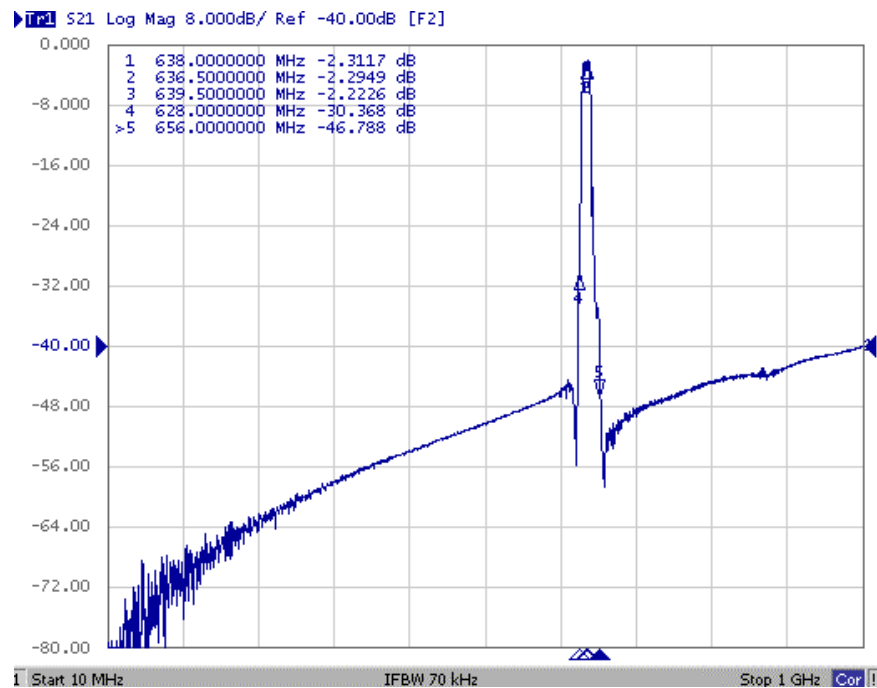
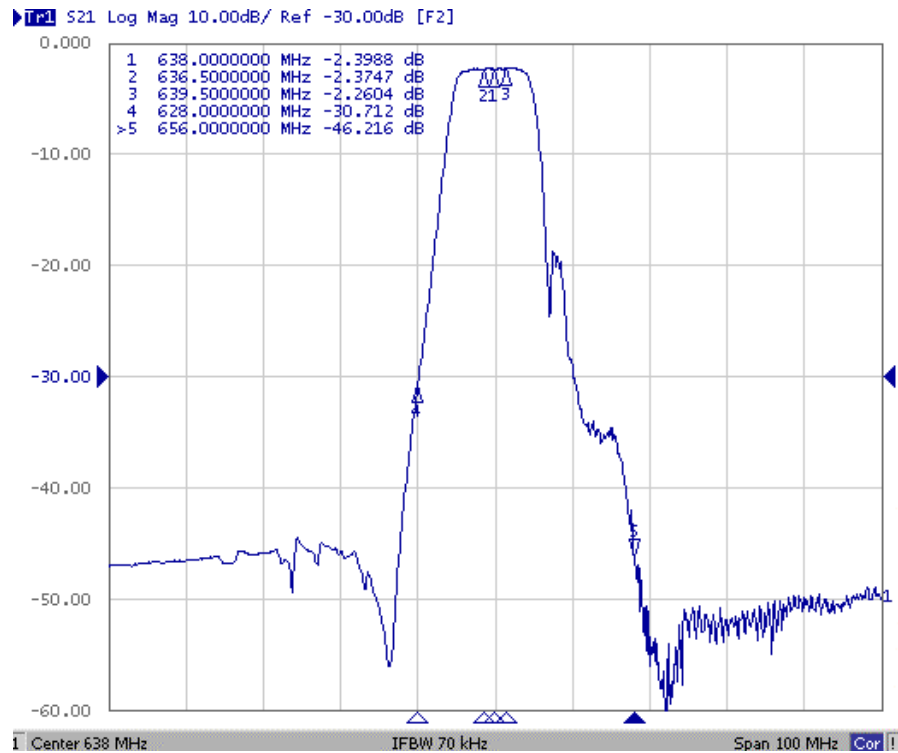
Year	2005	2006	2007	2008
	2009	2010	2011	2012
Year Code	A	a	<u>A</u>	<u>a</u>

E. PCB Footprint :



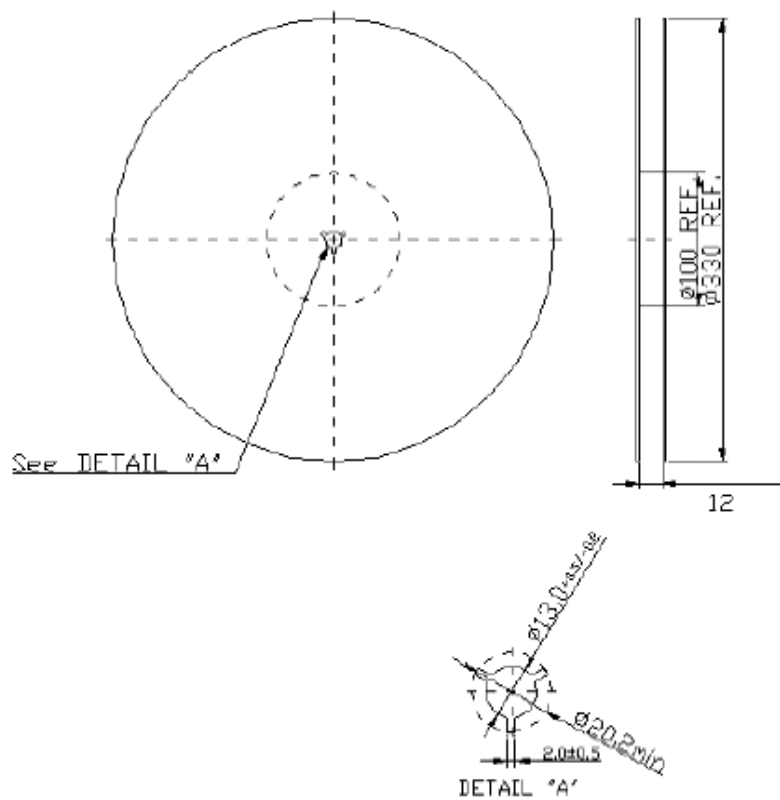
F. Frequency Characteristics :

Transfer function

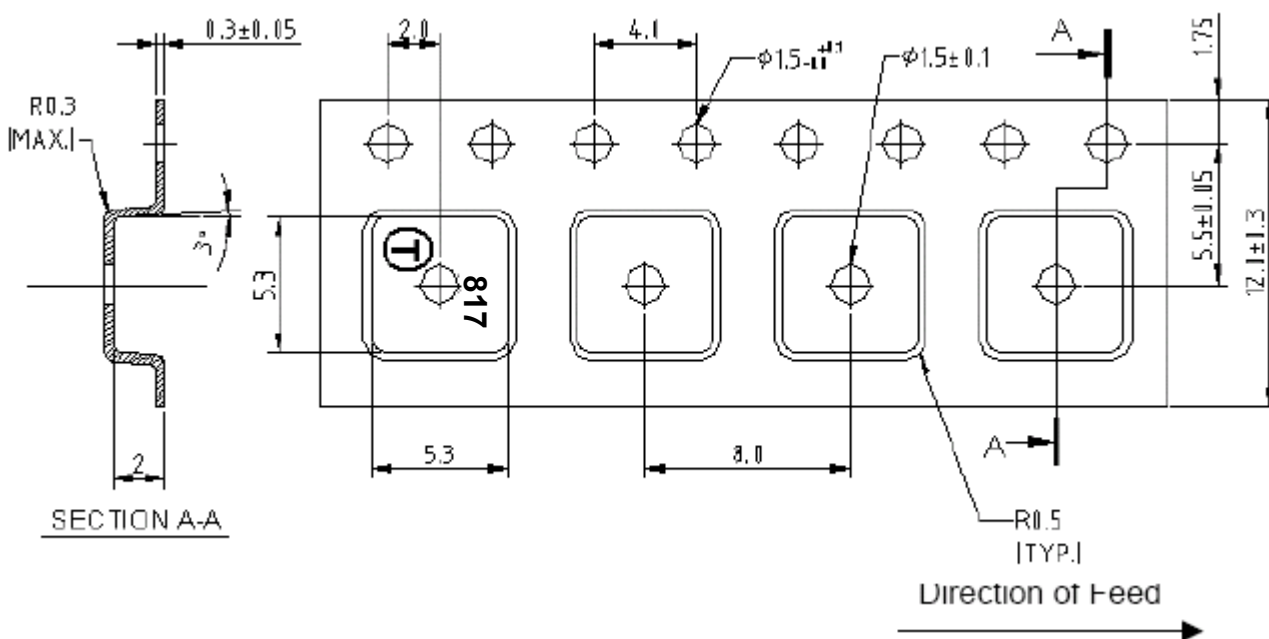


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE:

