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
E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

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:

RoHS Compliant
Lead free
Lead-free soldering

1.Input Power Level: 10 dB_m

2.DC voltage: 5 V

3.Operating Temperature: -40°C to +85°C

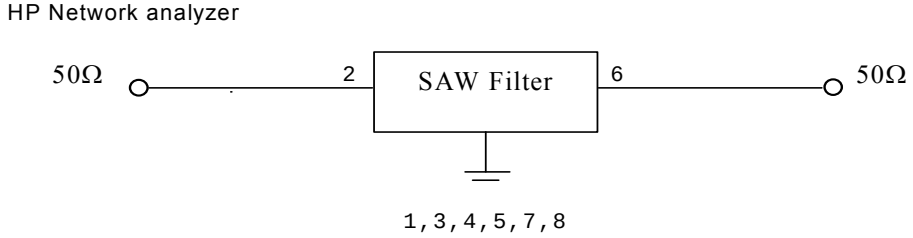
4.Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

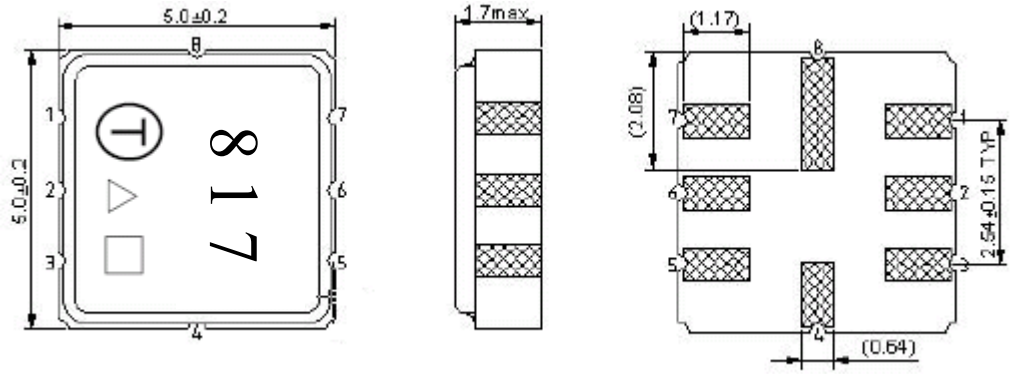
Item		Unit	Min.	Typ.	Max.
Center frequency	**Fo**	MHz	-	638	-
Insertion loss at Fo	**IL**	dB	-	2.4	3.5
3 dB bandwidth		MHz	-	11	-
Ripple (636.5~639.5 MHz)		dB	-	0.18	1.0
Attenuation (Reference level from 0 dB)					
10 ~ 618 MHz		dB	40	44.5	-
618 ~ 628 MHz		dB	8	30.7	-
656 ~ 660 MHz		dB	35	46.0	-
660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

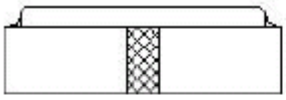
C. MEASUREMENT CIRCUIT:

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



D.OUTLINE DRAWING:





Year	2005	2006	2007	2008
	2009	2010	2011	2012
Year Code	A	a	A	a

#2: Input

#6: Output

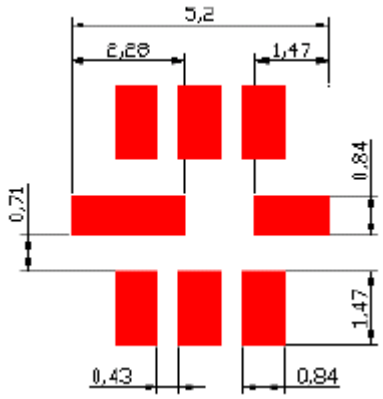
#1,3,4,5,7,8: Ground

△ : Year Code

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

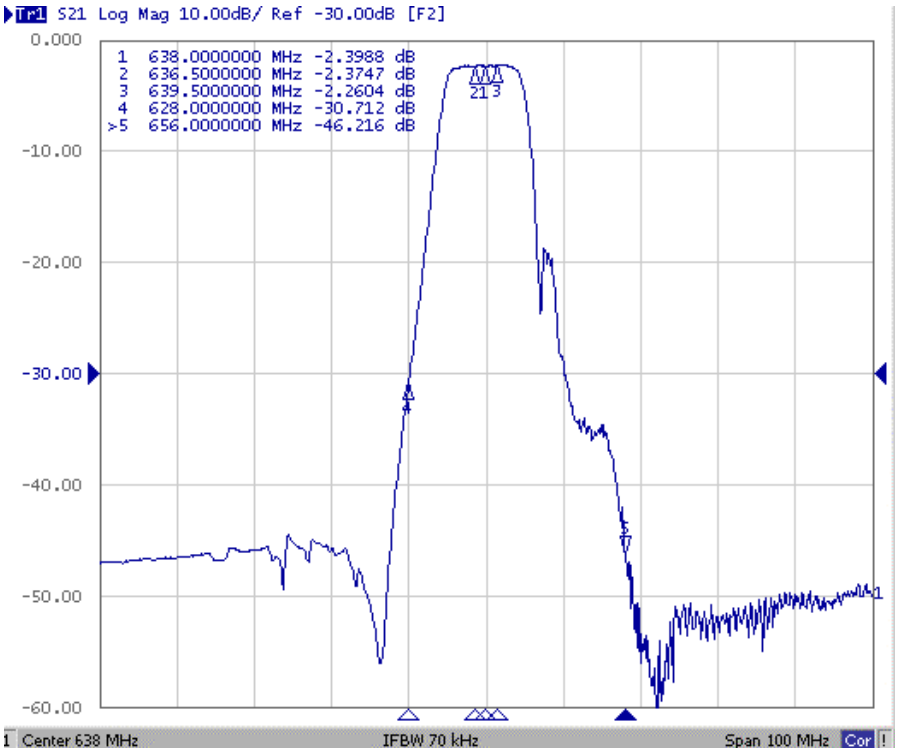
Unit: mm

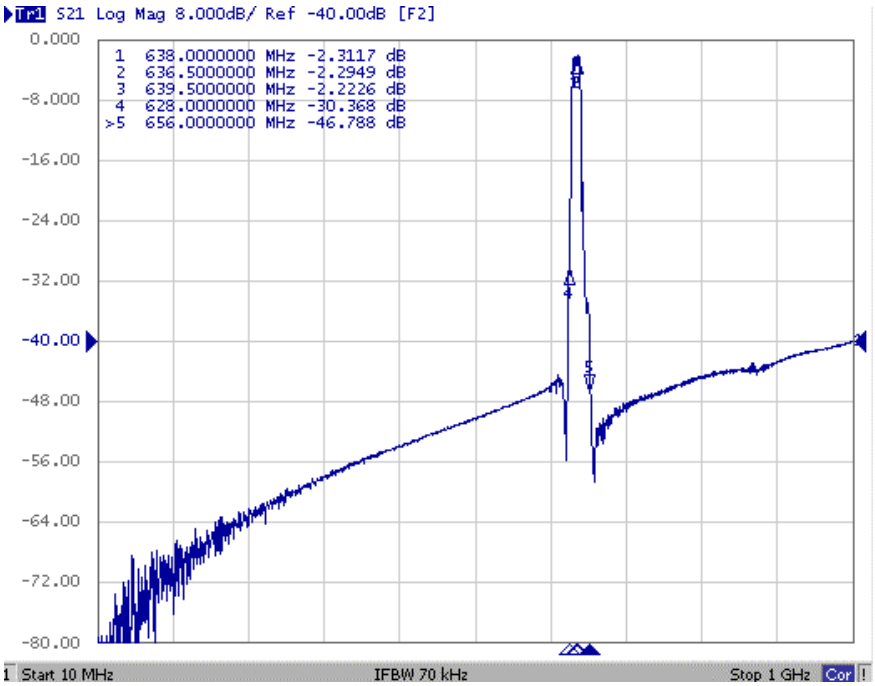
E. PCB Footprint：



F. Frequency Characteristics :

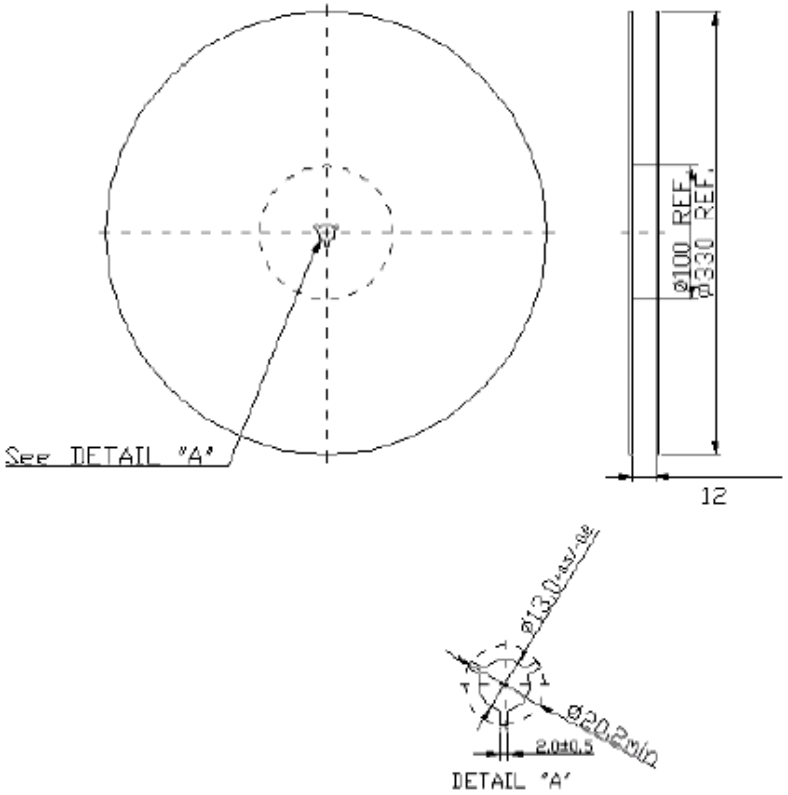
Transfer function



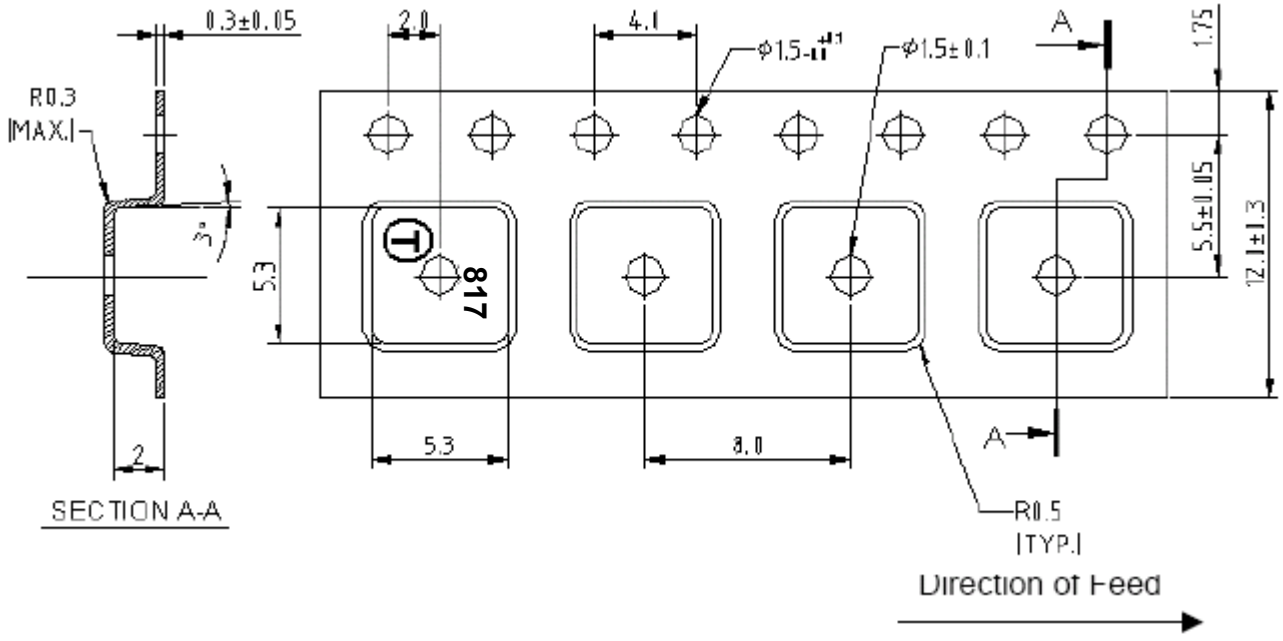


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE: