



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: Dec, 18, 2007

Product Name: SAW Filter 675 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0767A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 12, 18, 2007



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SAW Filter 675 MHz

MODEL NO.:TA0767A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: 0°C to +50°C
4. Storage Temperature: -40°C to +95°C

RoHS Compliant
Lead free
Lead-free soldering

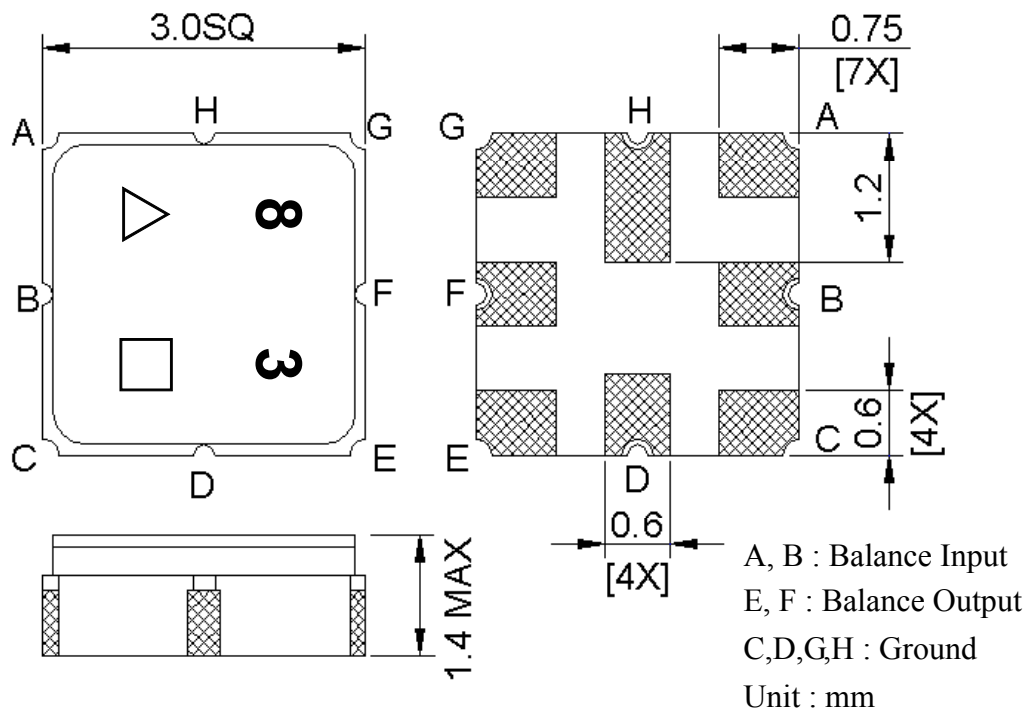
B. ELECTRICAL CHARACTERISTICS:

Terminating source impedance (differential) : $Z_s = 50 \Omega$

Terminating load impedance (differential) : $Z_L = 50 \Omega$

Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	675	-	-
Insertion Loss at Center Frequency ILc	dB	-	2	3.3	-
VSWR at Center Frequency		-	1.8	2.3	-
Attenuation (Reference level from ILc)					
608 ~ 614 MHz	dB	20	42	-	-
736 ~ 742 MHz	dB	30	40	-	-
742 ~ 1000 MHz	dB	35	45	-	-
1000 ~ 1200 MHz	dB	33	38	-	-

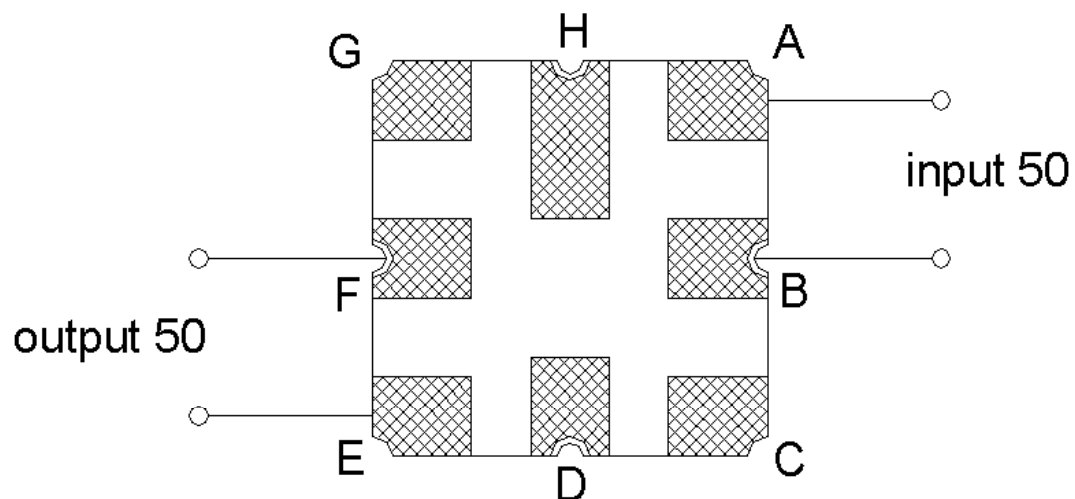
C.OUTLINE DRAWING:



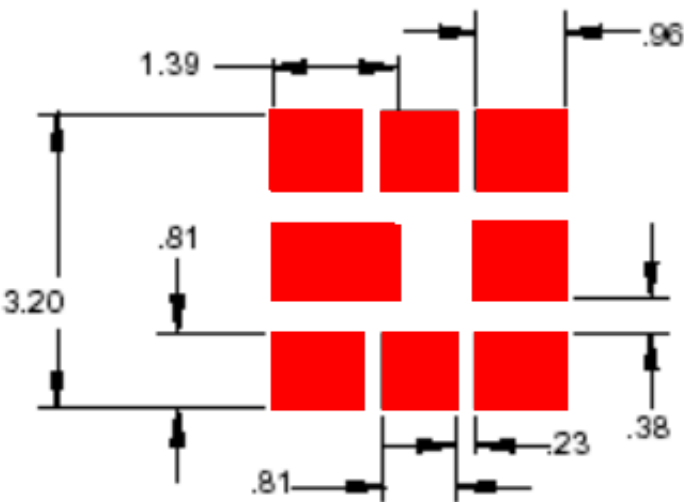
△ : Year Code (2006->6, ..., 2009->9)

□ : Date Code (Follow the table from planner each year)

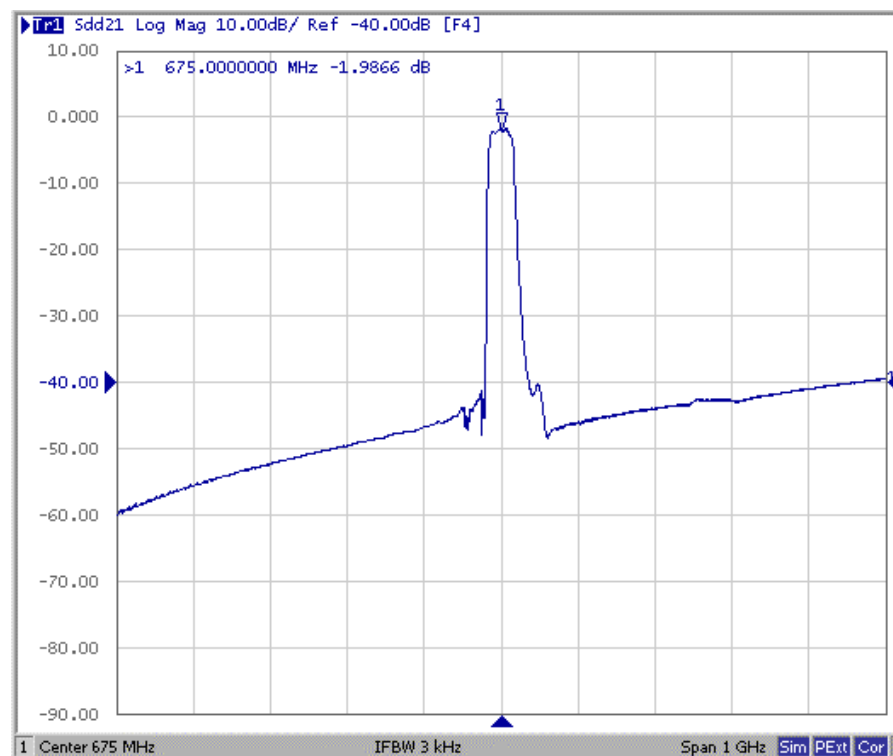
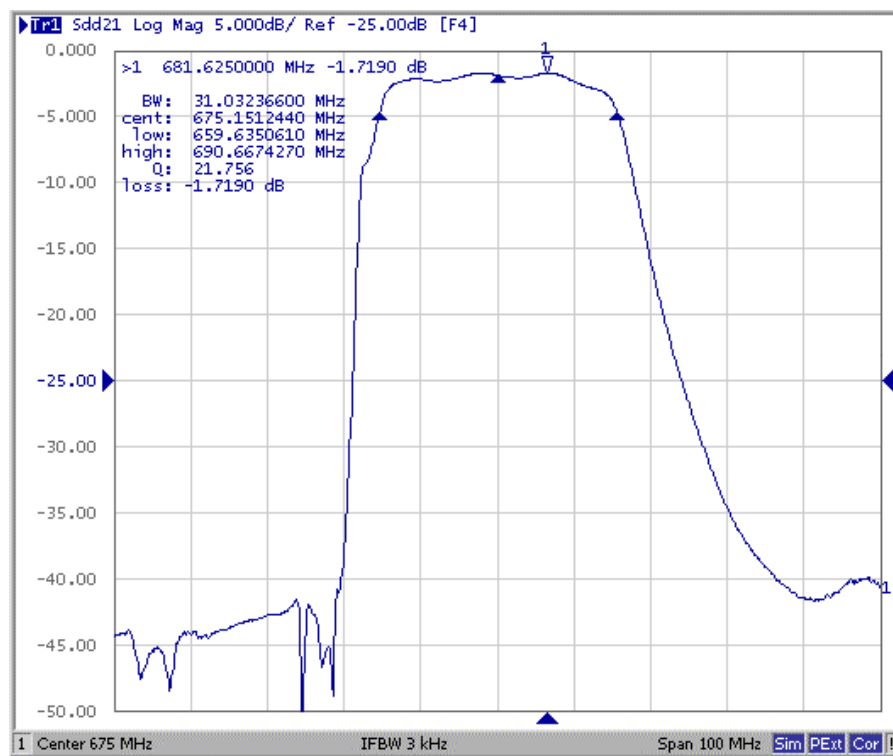
D. MEASUREMENT CIRCUIT:



E. PCB Footprint:

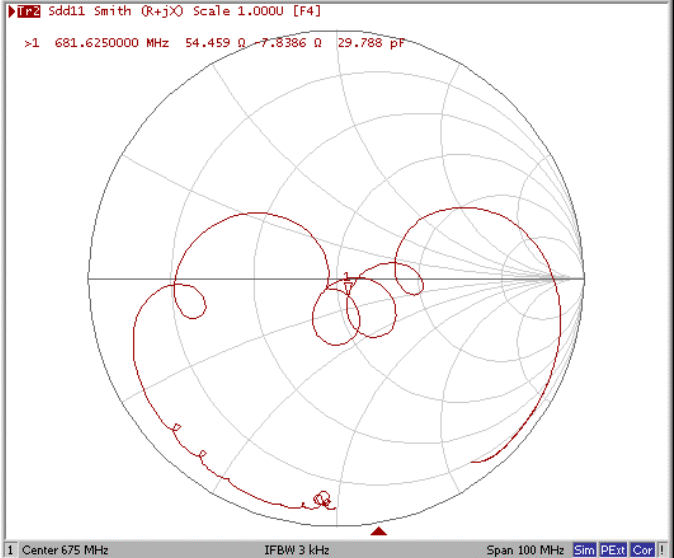
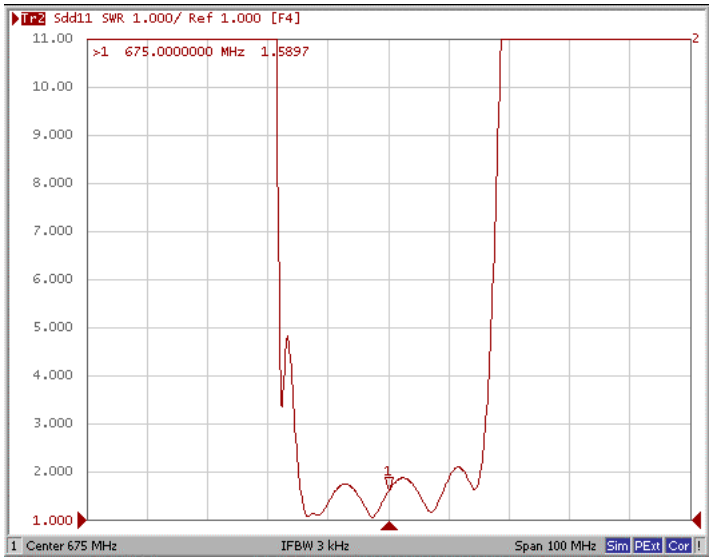


F. Frequency Characteristics :

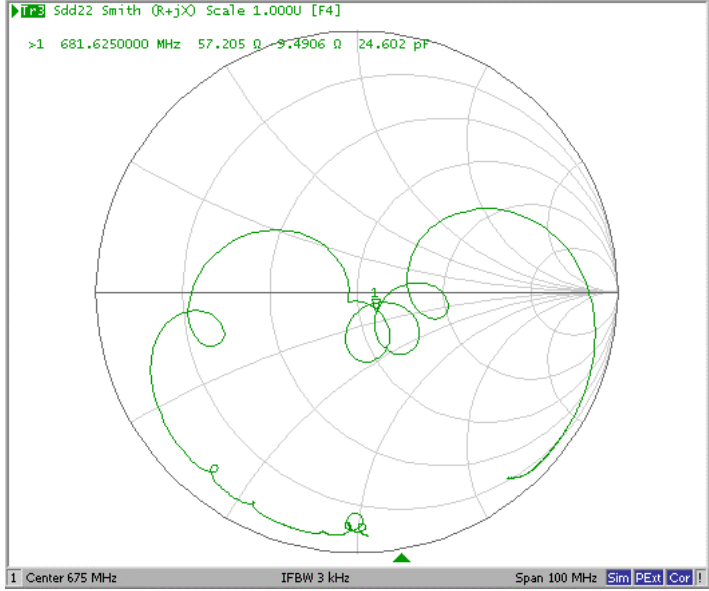
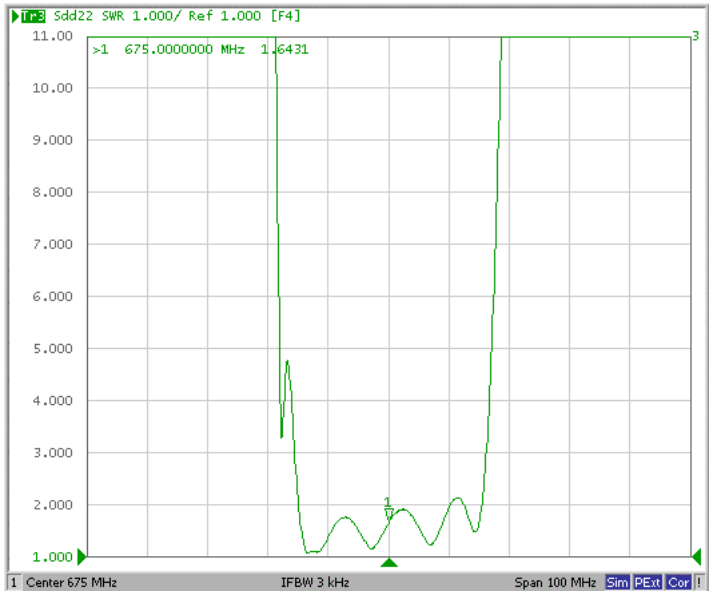


Reflection Functions :

S11



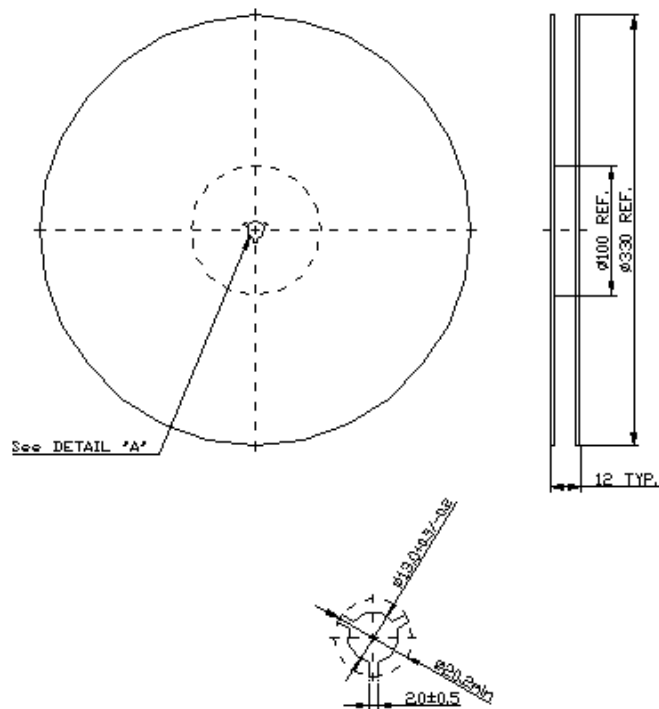
S22



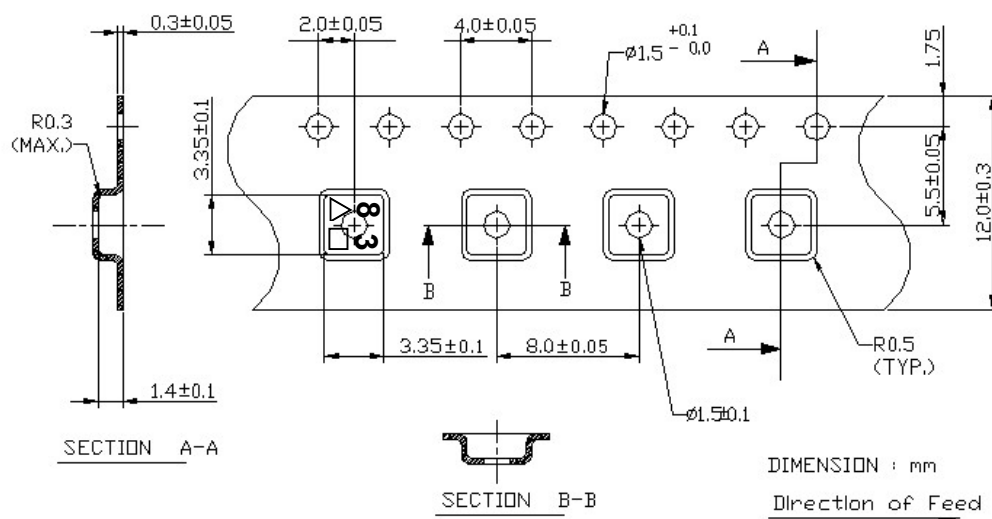
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7''=1000 ; 13''=3000)



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

