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: Mar, 6, 2007

Product Name: SAW Filter 814 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0660A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Bob Chau_____

Approval by:_____Francis Chen_____

Date:_____3, 6, 2007_____

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SAW Filter 814MHz

MODEL NO.:TA0660A REV. NO.:1

A. MAXIMUM RATING:

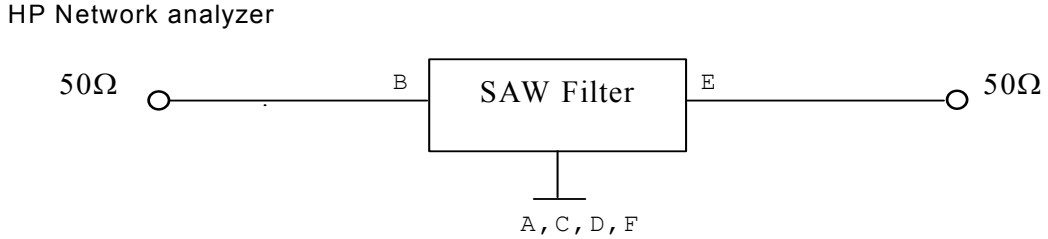
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -25°C to +75°C
4. Storage Temperature: -30°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

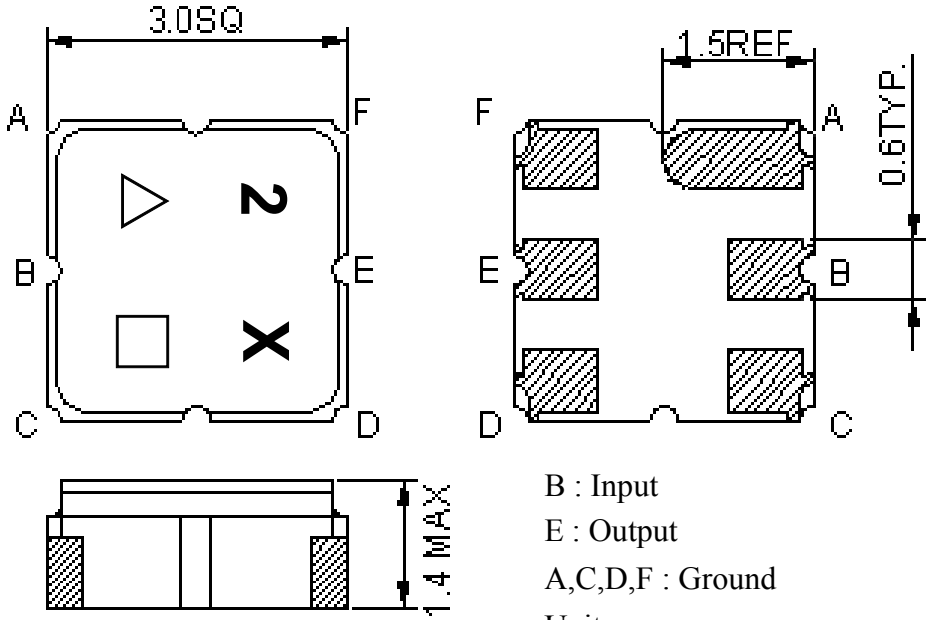
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency **Fc**	MHz	-	814	-	-
Insertion Loss (798 ~ 830 MHz) **IL**	dB	-	3.4	4.2	-
Amplitude Ripple (798 ~ 830 MHz)	dB	-	1.8	2.5	-
VSWR (798 ~ 830 MHz)		-	1.9	2.5	-
Relative Attenuation (relative to 0 dB)					
D.C. ~ 735 MHz	dB	40	57	-	-
761 ~ 780 MHz	dB	20	50	-	-
851 ~ 870 MHz	dB	20	33	-	-
896 ~ 1200 MHz	dB	40	54	-	-
1200 ~ 2000 MHz	dB	20	40	-	-

C. MEASUREMENT CIRCUIT:



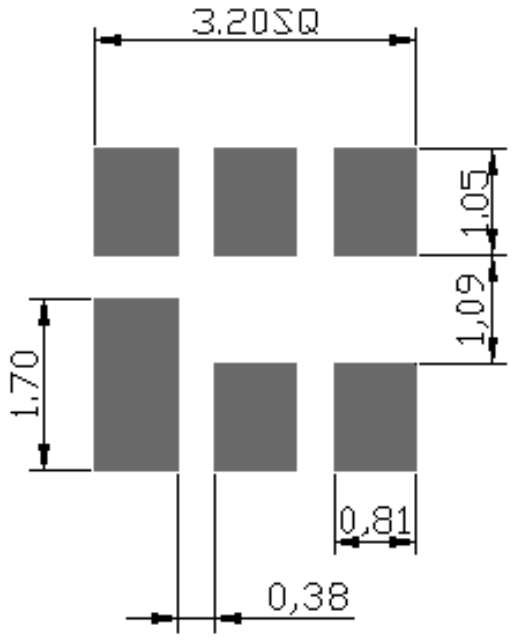
D.OUTLINE DRAWING:



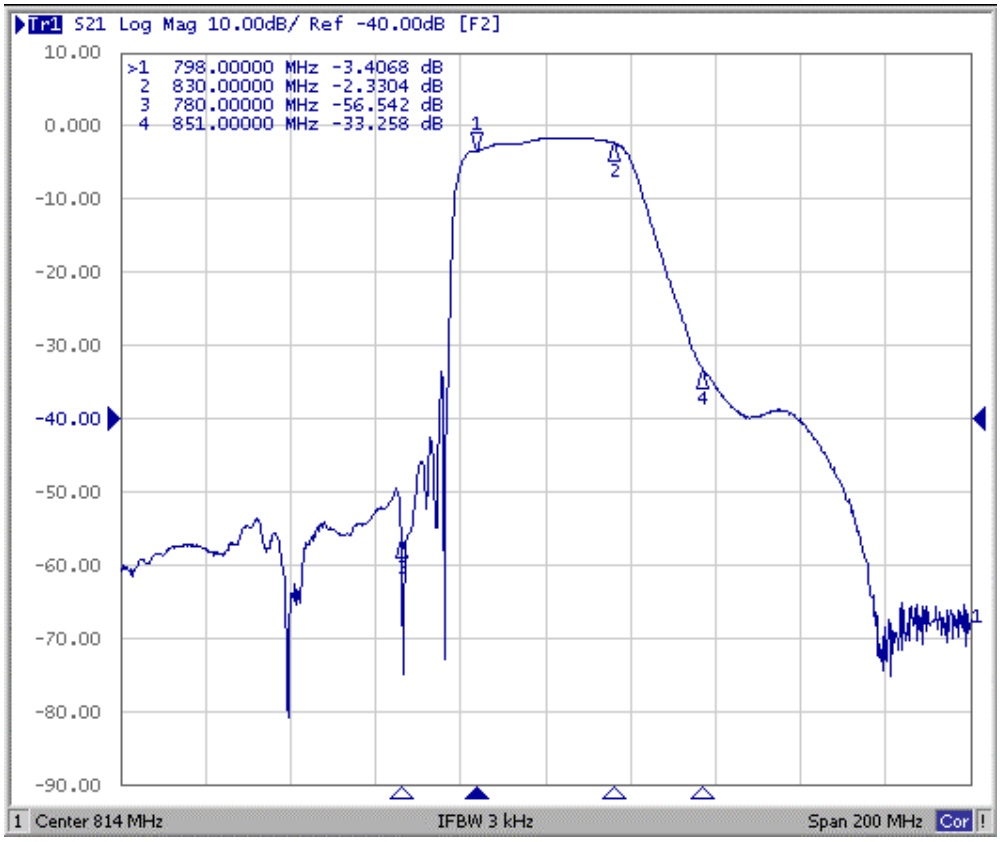
B : Input
E : Output
A,C,D,F : Ground
Unit : mm

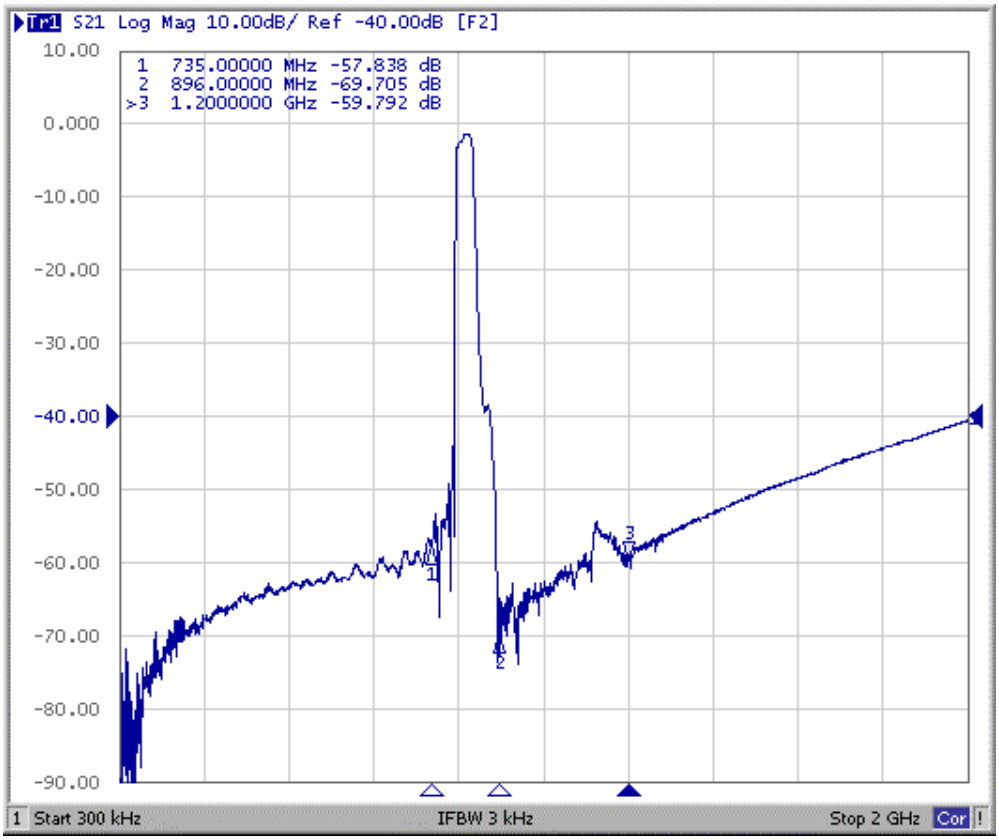
△ : Year Code (2006->6, …, 2009->9)
□ : Date Code (Follow the table from planner each year)

E. PCB Footprint:



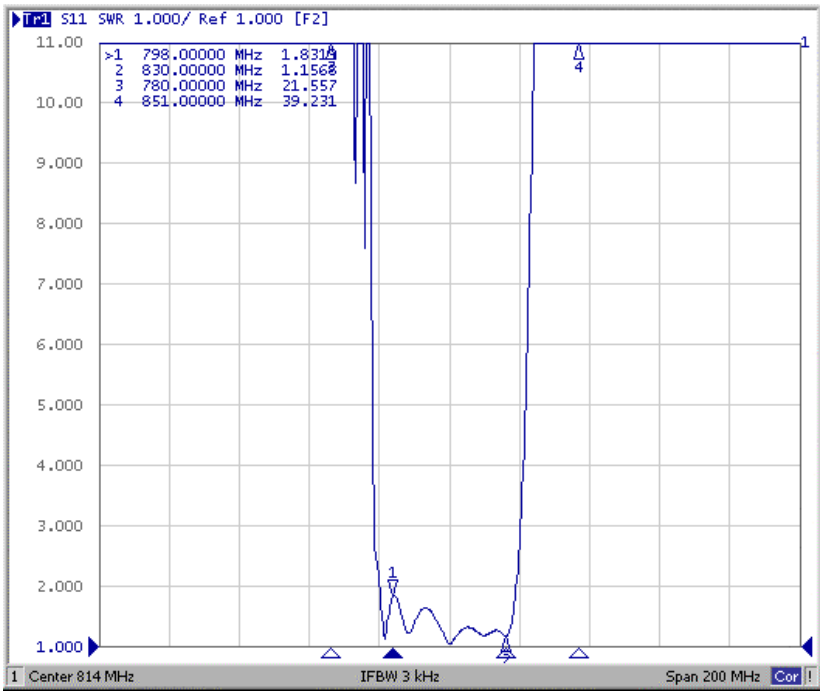
F. Frequency Characteristics :



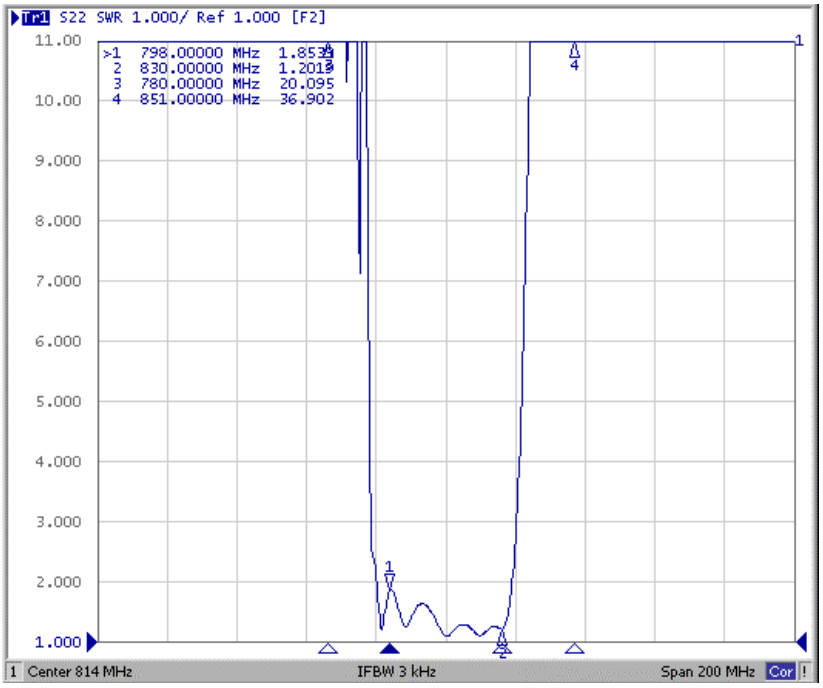


Reflections Functions :

S11 VSWR



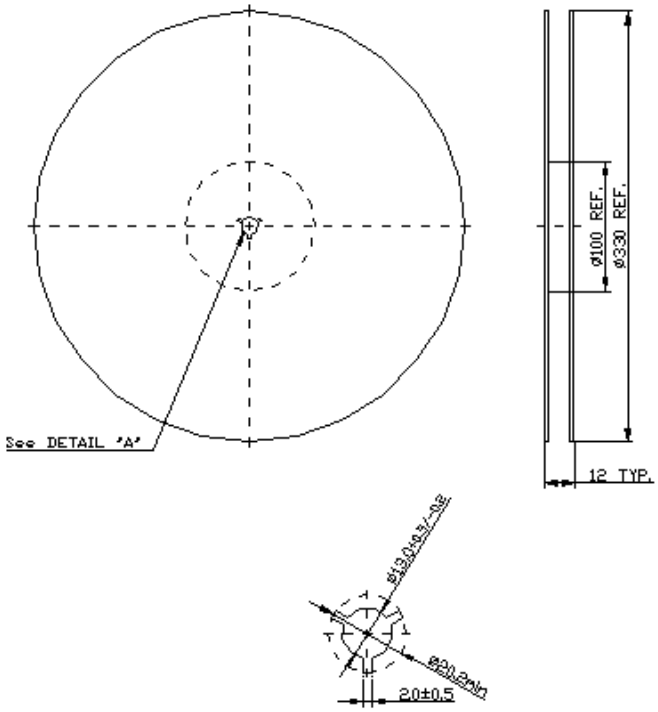
S22 VSWR



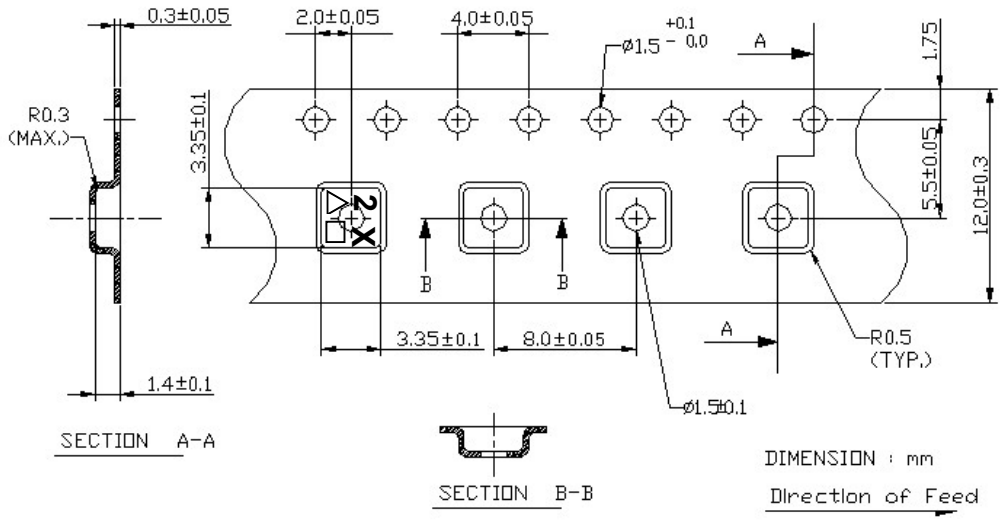
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7”=1000 ; 13”=3000)



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

