



TAI-SAW TECHNOLOGY CO., LTD.

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Approval Sheet For Product Specification

Issued Date: Dec, 18, 2008

Product Name: SAW Filter 836.5 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0968A

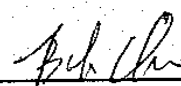
Customer Parts No.: _____

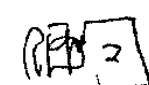
Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau 

Approval by: _____ Francis Chen 

Date: _____ 12, 18, 2008



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SAW Filter 836.5MHz

MODEL NO.:TA0968A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +95°C

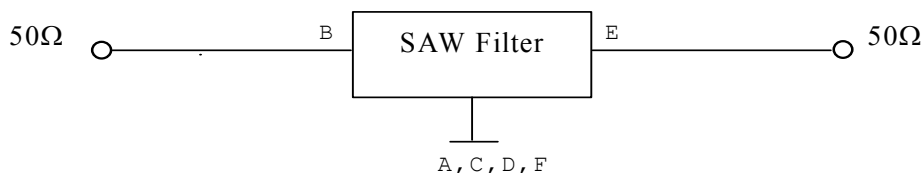
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	836.5	-	-
Insertion Loss (824 ~ 849 MHz) IL	dB	-	2.5	3.1	-
Amplitude Ripple (824 ~ 849 MHz)	dB	-	0.9	1.5	-
VSWR (824 ~ 849 MHz)		-	1.7	2	-
Relative Attenuation (relative to 0 dB)					
10 ~ 800 MHz	dB	30	51	-	-
869 ~ 894 MHz	dB	20	26.5	-	-
894 ~ 920 MHz	dB	34	39	-	-
920 ~ 1210 MHz	dB	40	60	-	-
1210 ~ 1500 MHz	dB	30	58	-	-
1500 ~ 2000 MHz	dB	25	45	-	-
2000 ~ 2600 MHz	dB	20	33	-	-
2600 ~ 3000 MHz	dB	15	28	-	-

C. MEASUREMENT CIRCUIT:

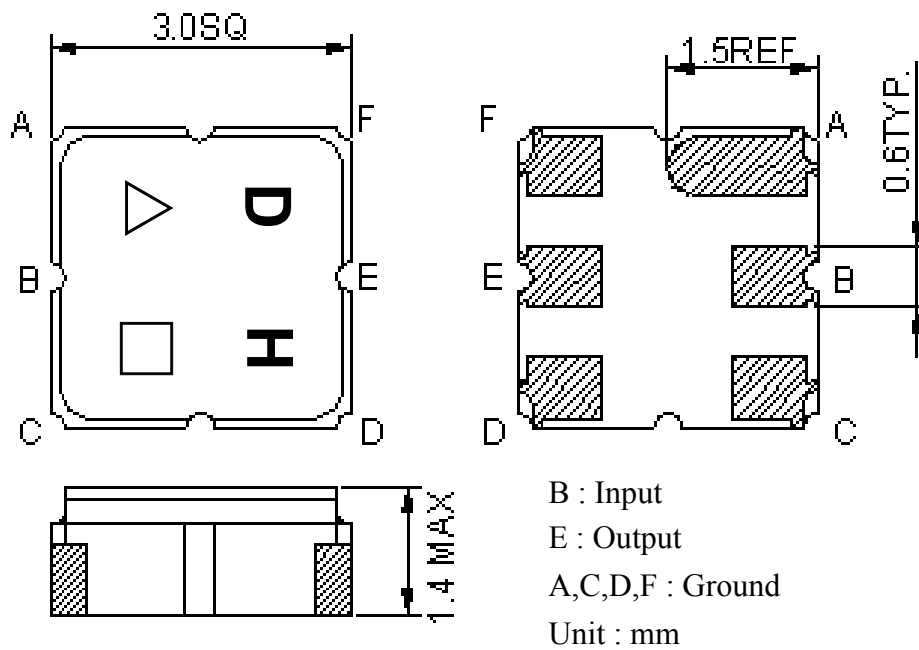
HP Network analyzer



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TST DCC
Release document

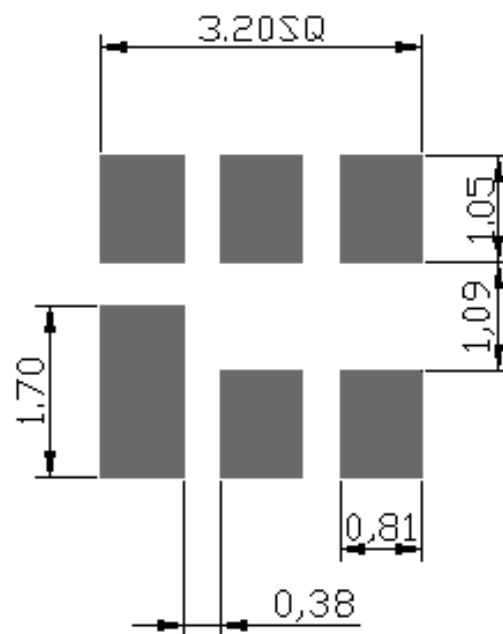
D.OUTLINE DRAWING:



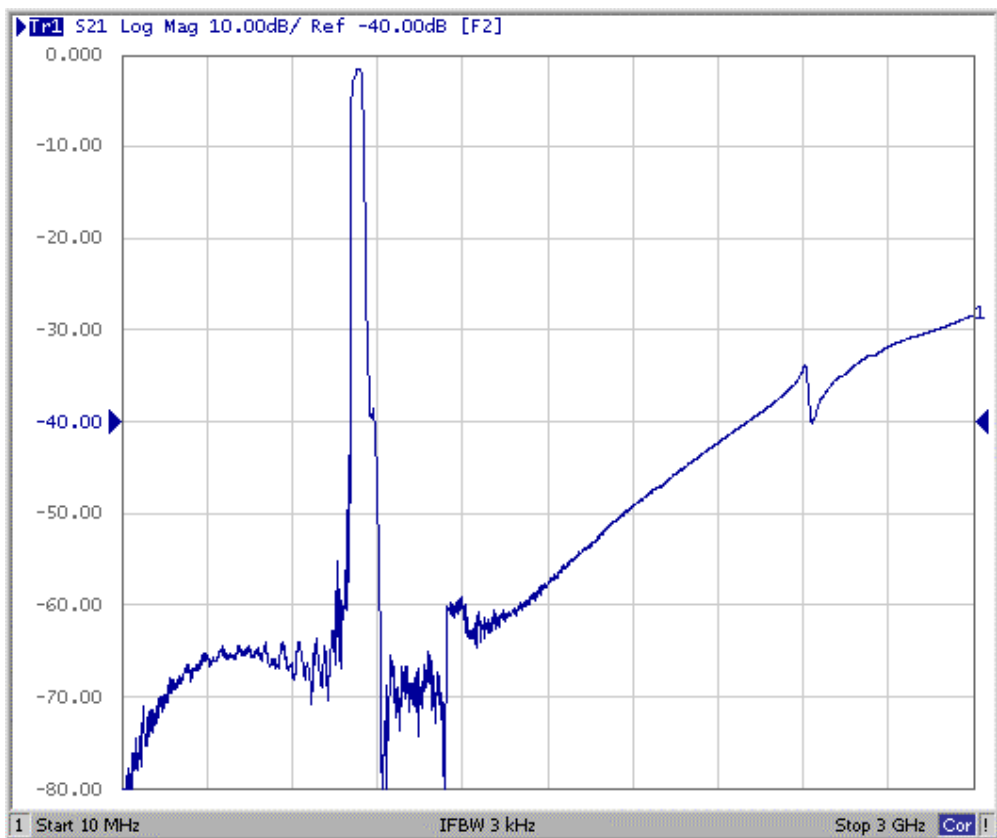
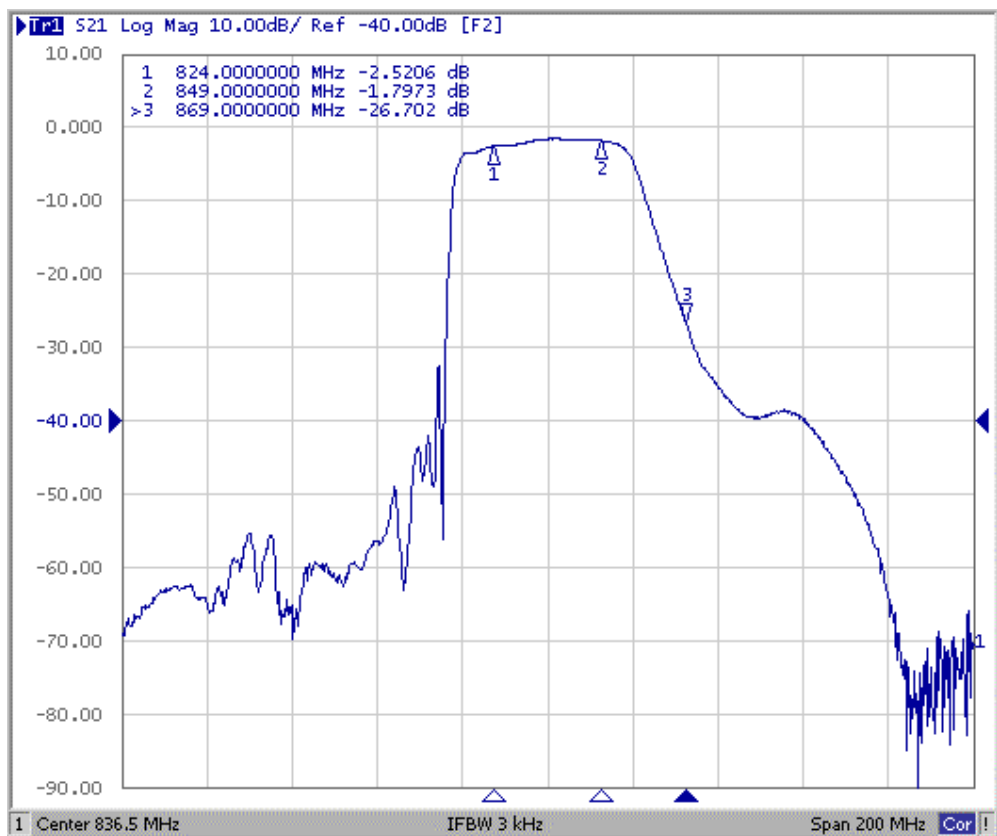
△ : Year Code (2006->6, ..., 2009->9)

□ : Date Code (W01->A,...,W26->Z,W27->a,...,W52->z)

E. PCB Footprint:

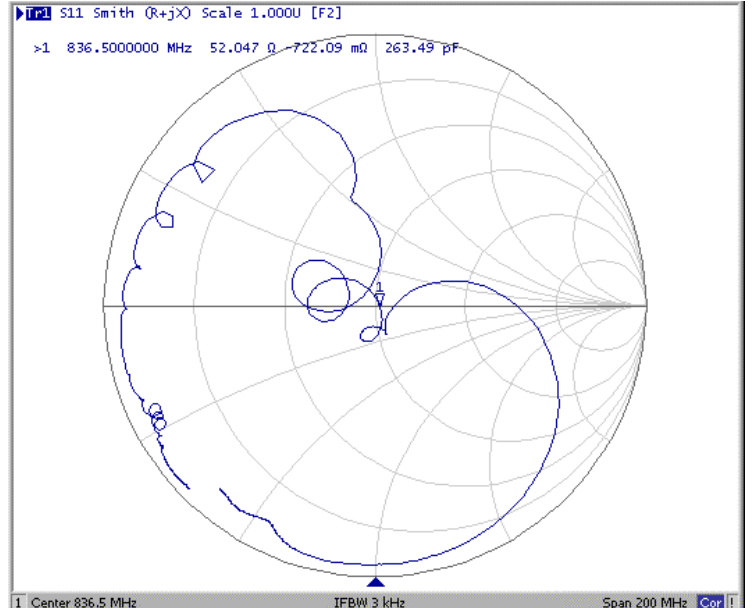
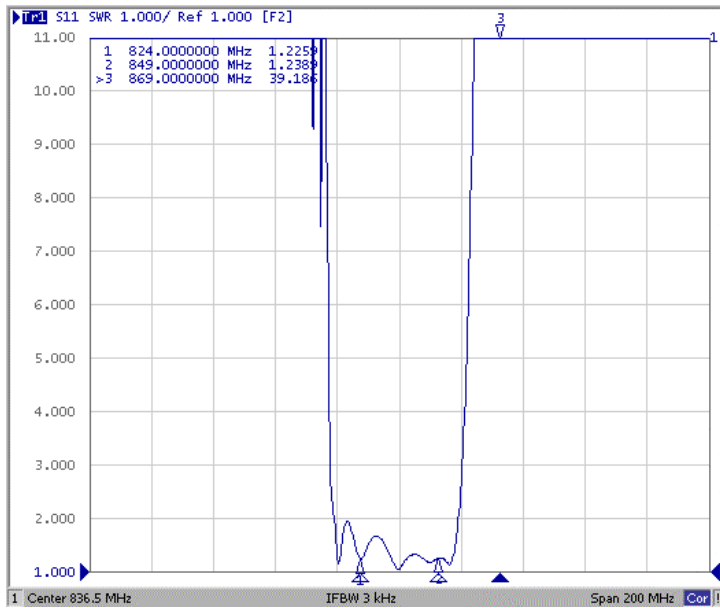


F. Frequency Characteristics :

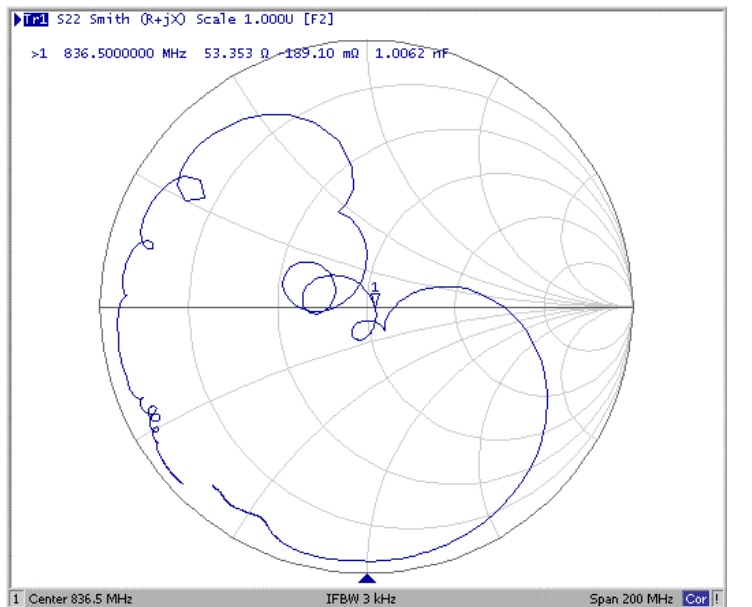
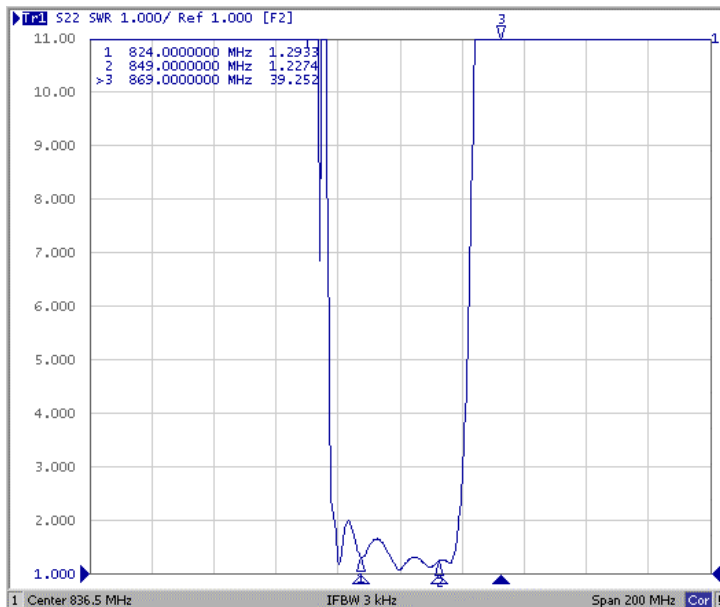


Reflections Functions :

S11 VSWR



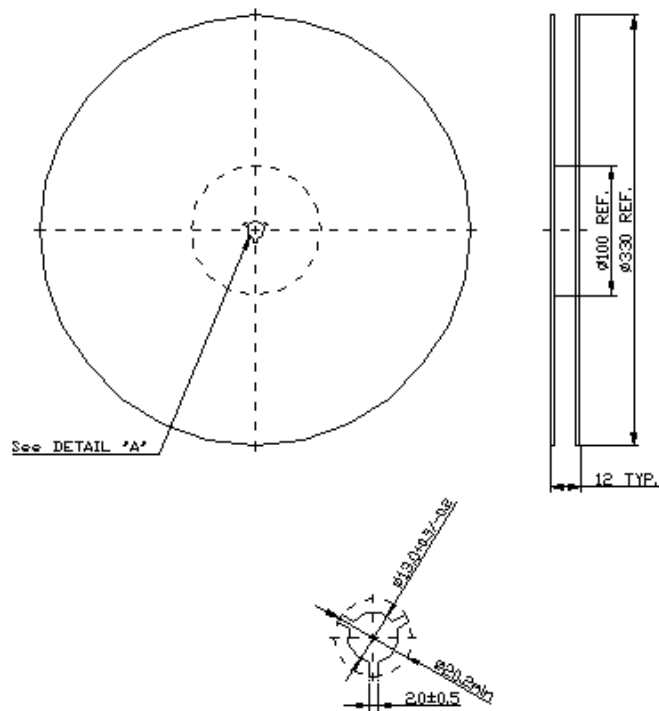
S22 VSWR



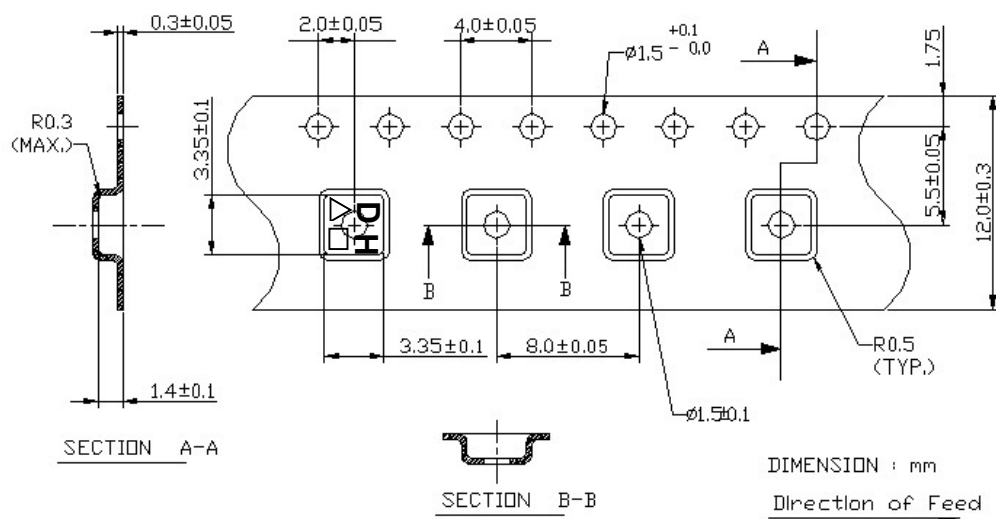
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

