



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

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Product Specifications Approval Sheet

Product Description: SAW Filter 862 MHz SMD 3.0X3.0 mm (BW=16MHz)

TST Part No.: TA1284A

Customer Part No.: _____

Customer signature required
Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Bob Chau 

Approved by: _____ Francis Chen 

Date: _____ 12, 14, 2010

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes.



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SAW Filter 862 MHz

MODEL NO.:TA1284A

REV. NO.:1

A. MAXIMUM RATING:

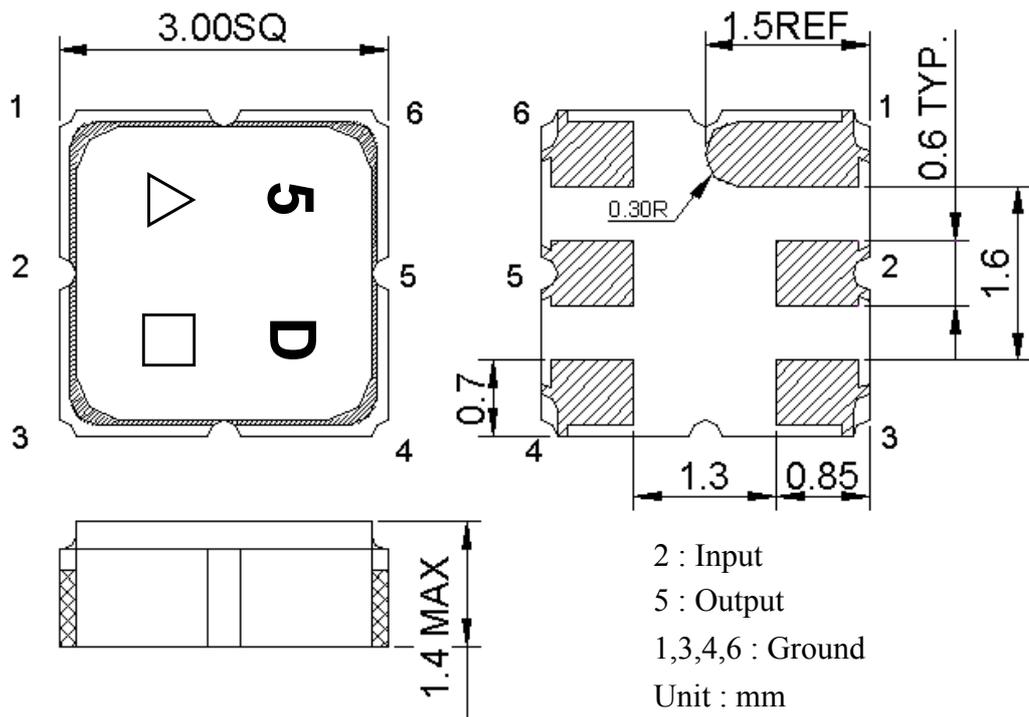
1. Input Power Level: 16 dBm
2. DC Voltage : 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +95°C

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

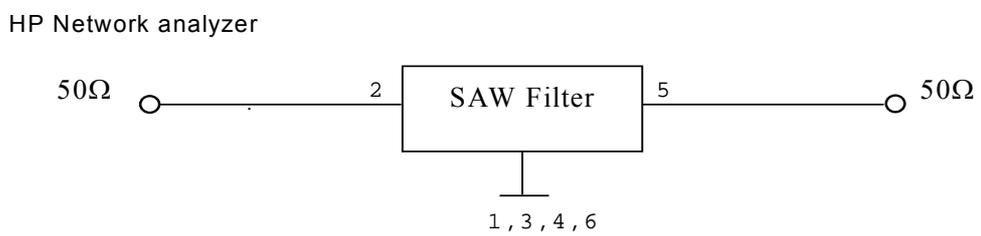
Item	Unit	Min.	Typ.	Max.	Note
Center Frequency Fc	MHz	-	862	-	-
Insertion Loss (854~870 MHz) IL	dB	-	2	2.8	-
Amplitude Ripple (854~870 MHz)	dB	-	0.4	1	-
VSWR (854~870 MHz)		-	1.5	2	-
Attenuation (Reference level from 0 dB)					
40 ~ 200 MHz	dB	40	68	-	-
650 ~ 800 MHz	dB	20	50	-	-
800 ~ 830 MHz	dB	15	41	-	-
885 ~ 902 MHz	dB	6	14	-	-
990 ~ 1025 MHz	dB	45	65	-	-
1025 ~ 1600 MHz	dB	50	55	-	-
1600 ~ 3000 MHz	dB	25	29	-	-
Temperature Coefficient of Frequency	ppm/°C	-	-36	-	-

C.OUTLINE DRAWING:

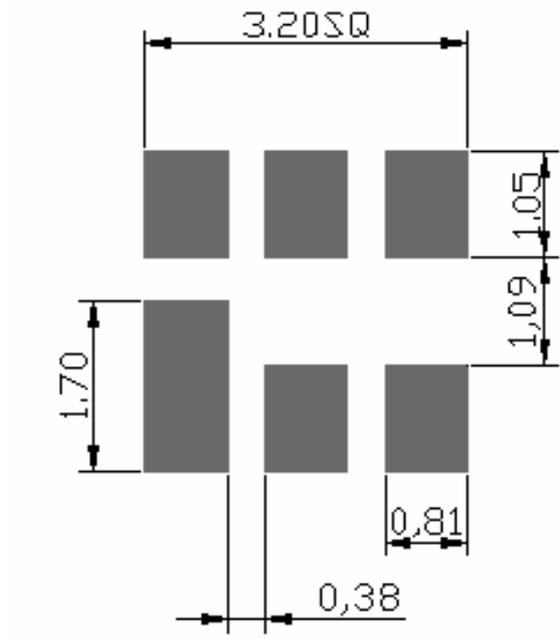


△ : Year Code (2009->9, 2010->0,..., 2018->8)
 □ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

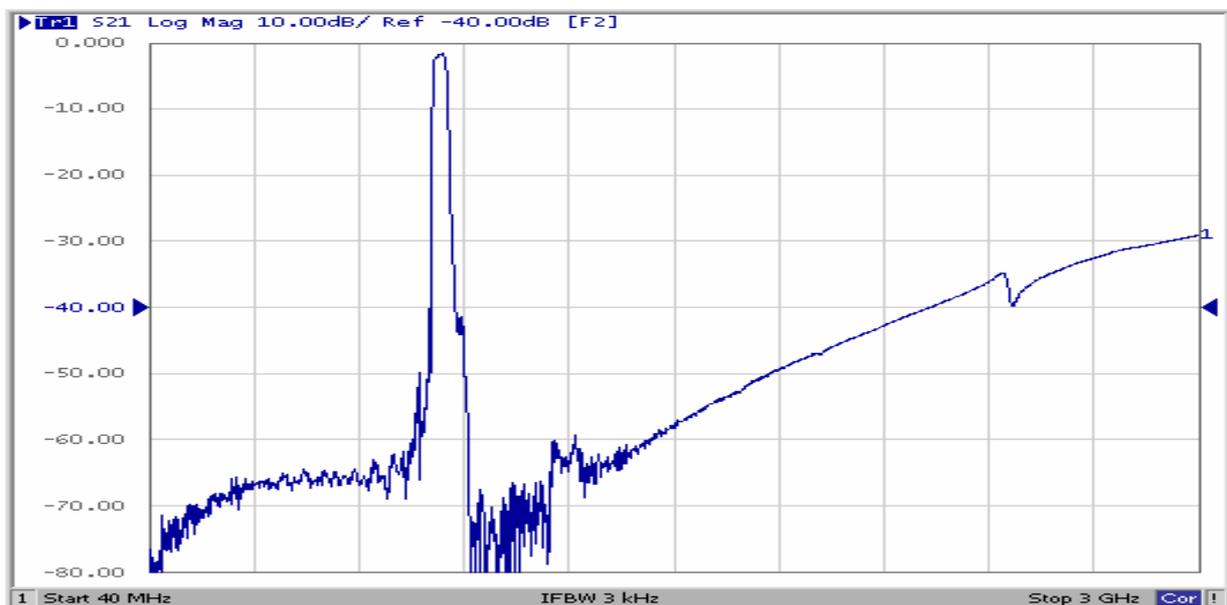
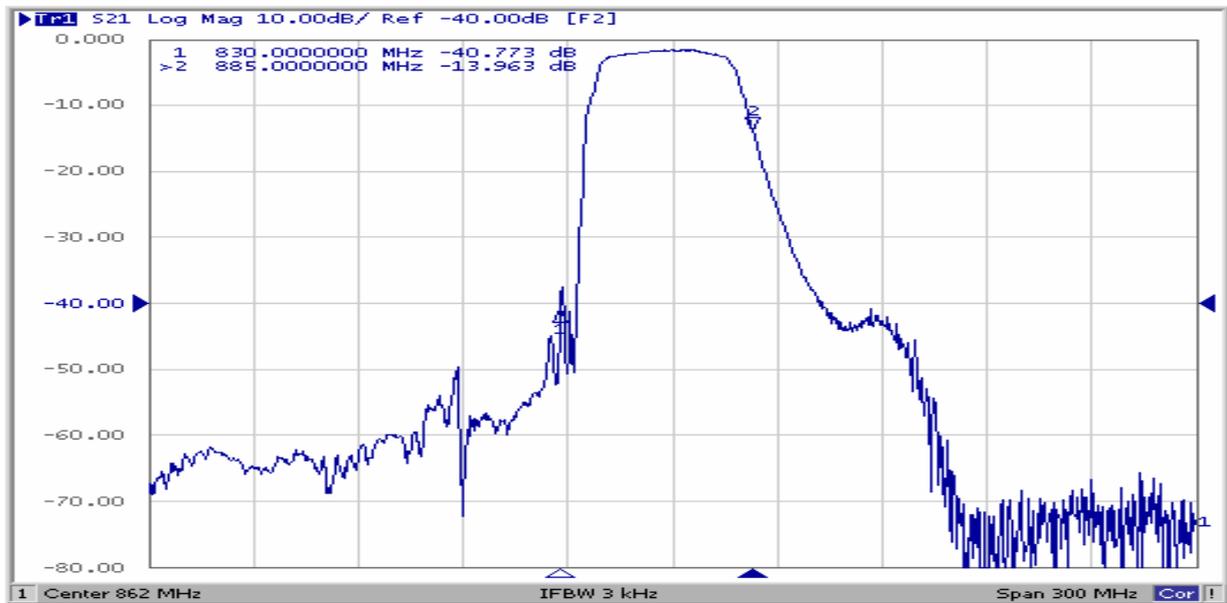
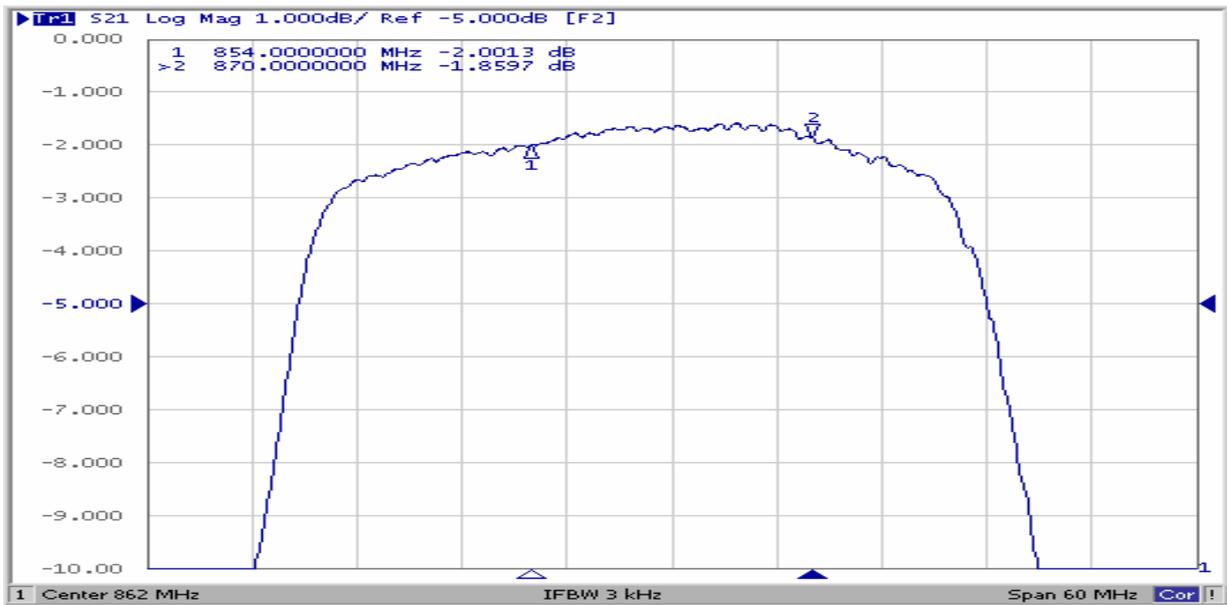
D. MEASUREMENT CIRCUIT:



E. PCB Footprint:

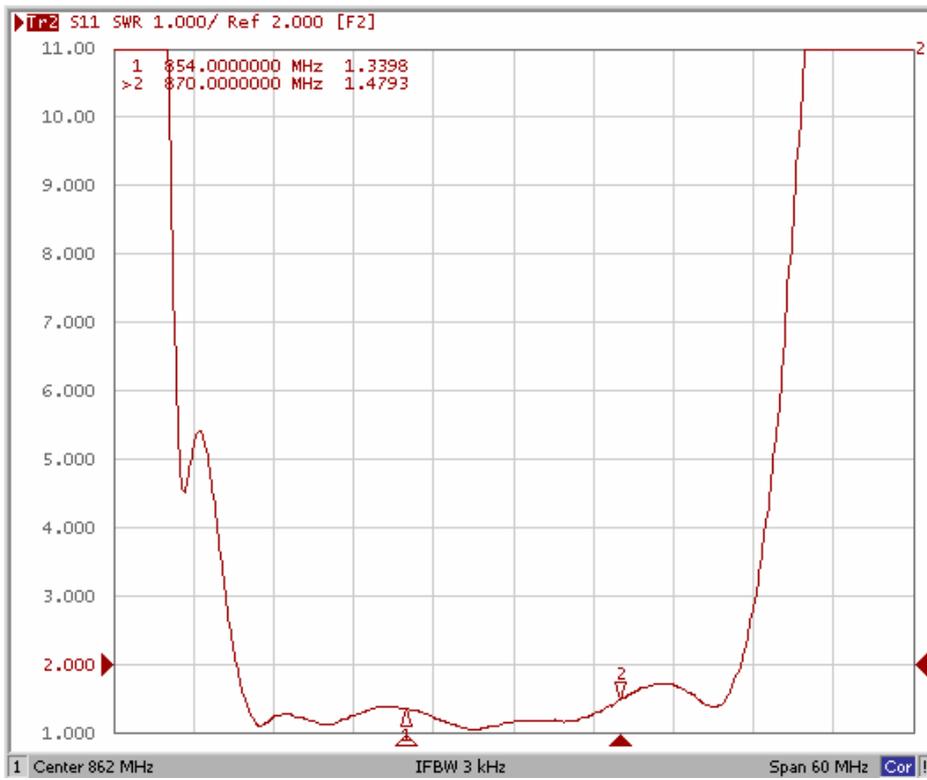


F. Frequency Characteristics :

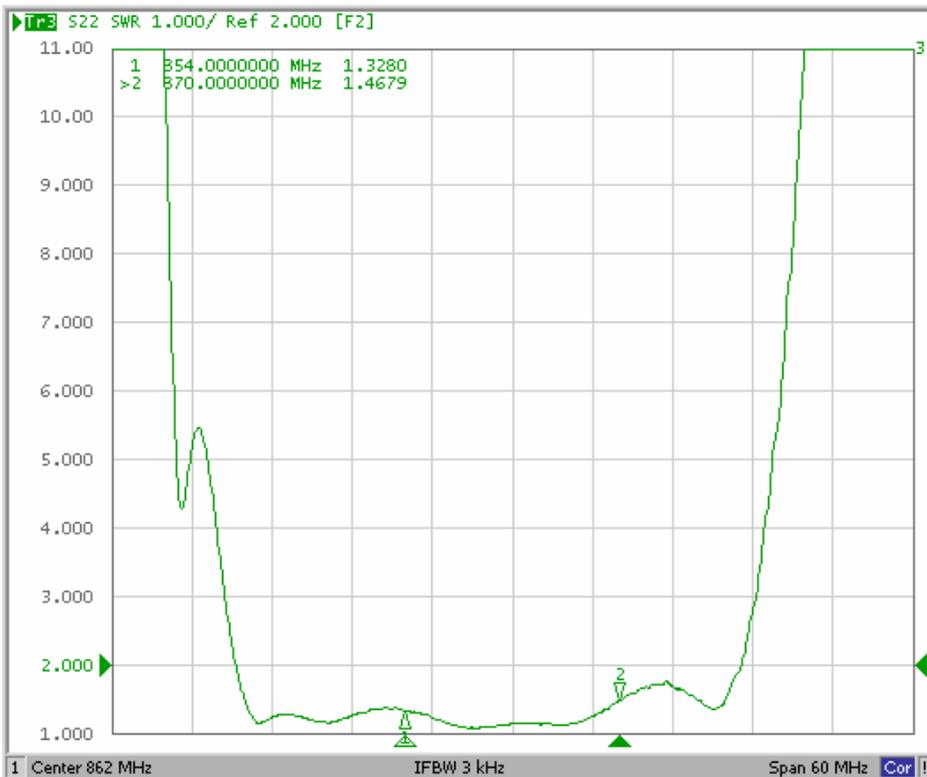


Reflection Functions :

S11



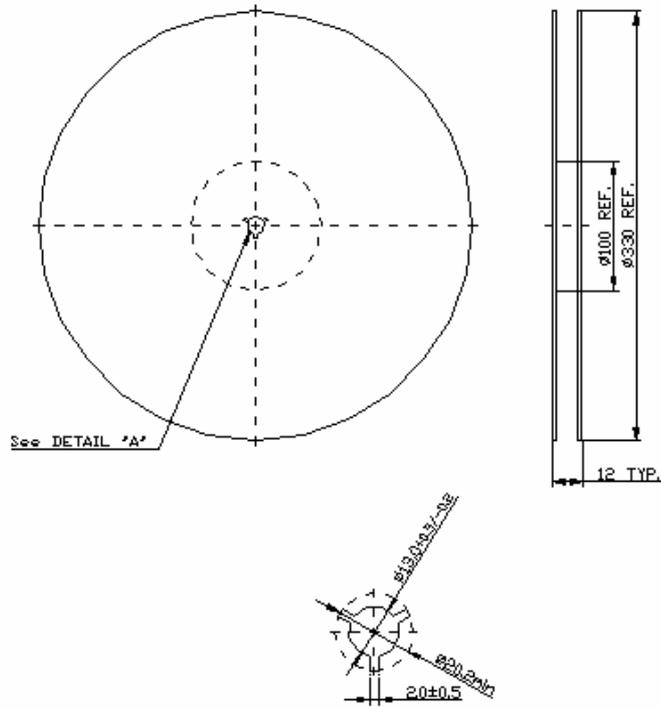
S22



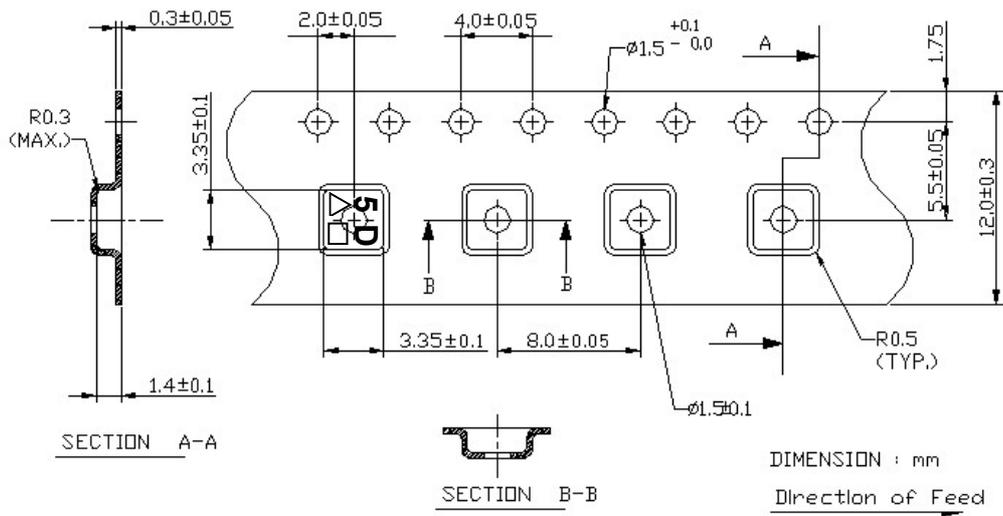
G. PACKING:

1. REEL DIMENSION

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



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

