



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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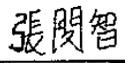
Product Specifications Approval Sheet

Product Description: SAW Filter 875 MHz SMD 2.0x1.6 mm (BW=10 MHz)

TST Part No.: TA1350A

Customer Part No.: _____

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

Checked by: _____ David Chang 

Approved by: _____ Francis Chen 

Date: _____ 2011/08/12

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 875 MHz

MODEL NO.: TA1350A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 15 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +85°C

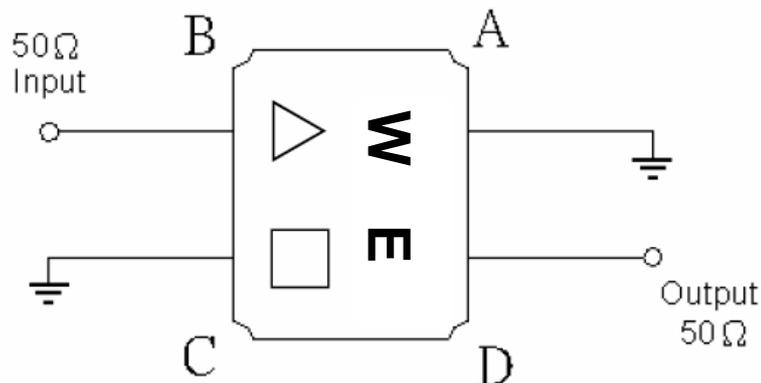
RoHS Compliant
Lead free
Lead-free soldering

Electrostatic Sensitive Device (ESD)

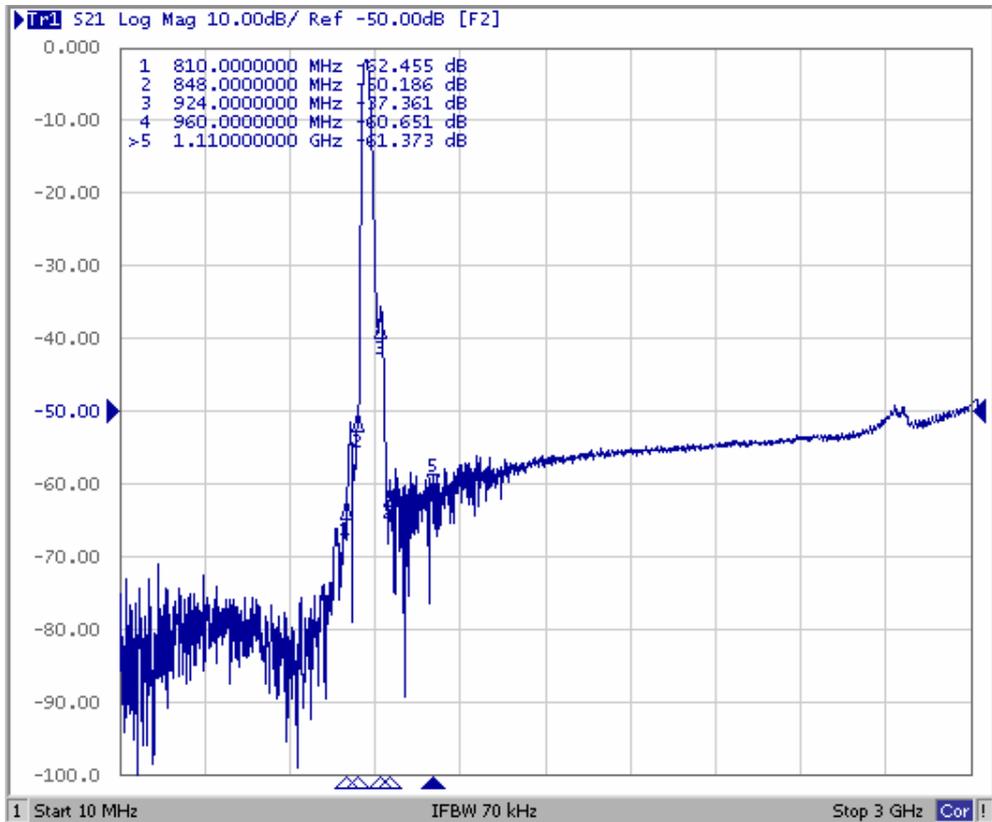
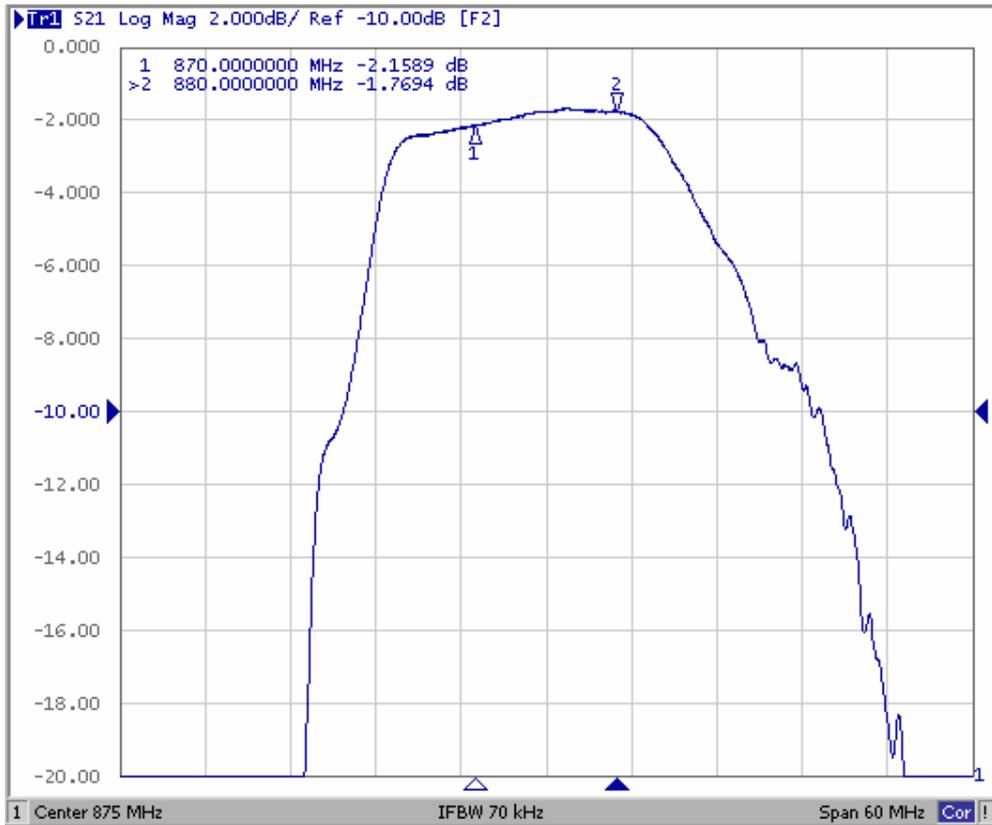
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.
Center frequency F_c	MHz	-	875	-
Insertion Loss (870~880 MHz) IL	dB	-	2.2	3.2
Amplitude Ripple (870~880 MHz)	dB	-	0.5	1.2
Group Delay Ripple (870~880 MHz)	ns	-	13	50
Return Loss (870~880 MHz)	dB	9	16	-
Attenuation (Reference level from 0 dB)				
10 ~ 810 MHz	dB	40	61	-
810 ~ 848 MHz	dB	35	49	-
924 ~ 960 MHz	dB	30	34	-
960 ~ 1110 MHz	dB	40	56	-
1110 ~ 3000 MHz	dB	30	48	-
Temperature coefficient of frequency TC_f	ppm /°C	-	-34	-

C. MEASUREMENT CIRCUIT:

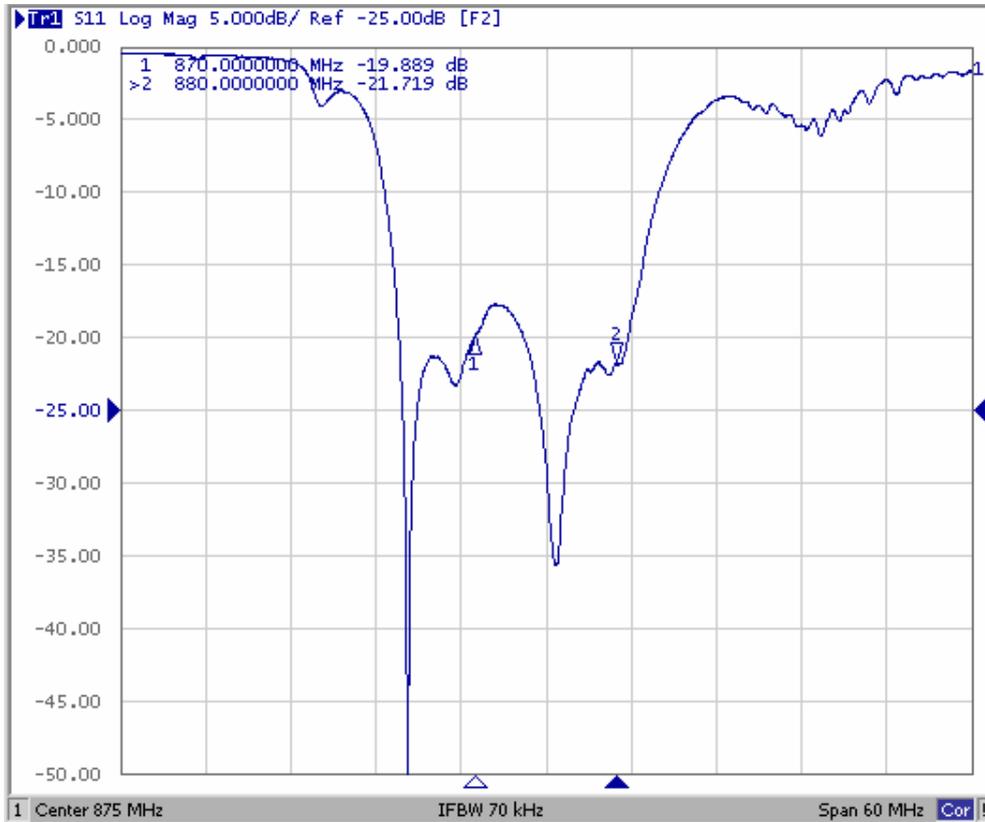


D. Frequency Characteristics:

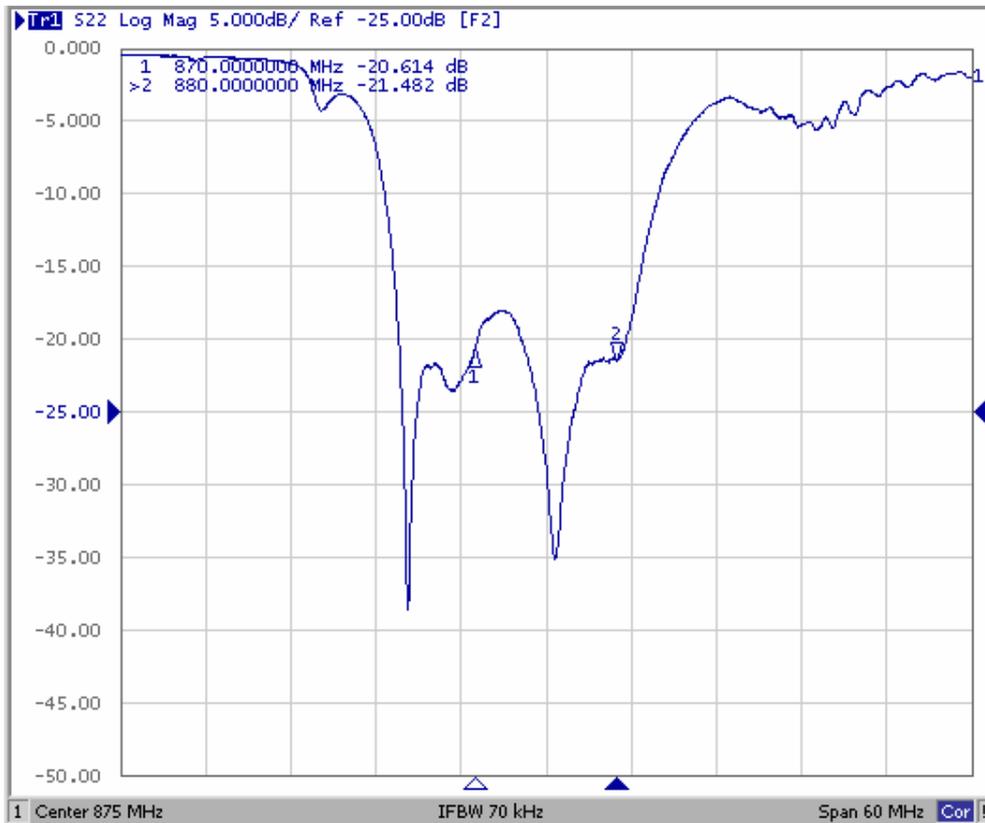


Reflection Functions:

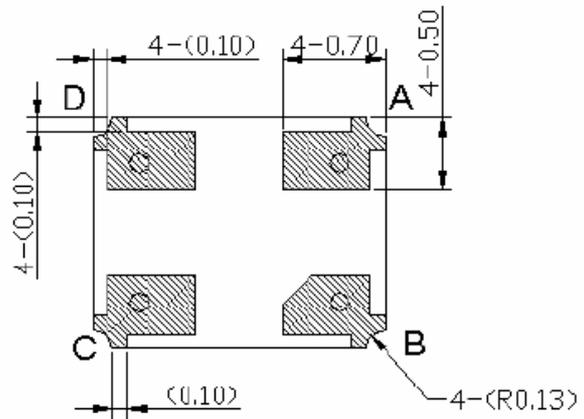
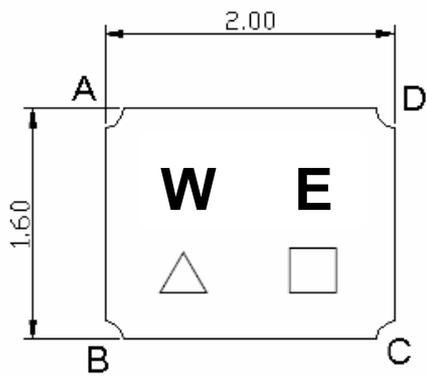
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S22



E. OUTLINE DRAWING:



#B : Input
 #D : Output
 #A,C : Ground
 Unit : mm

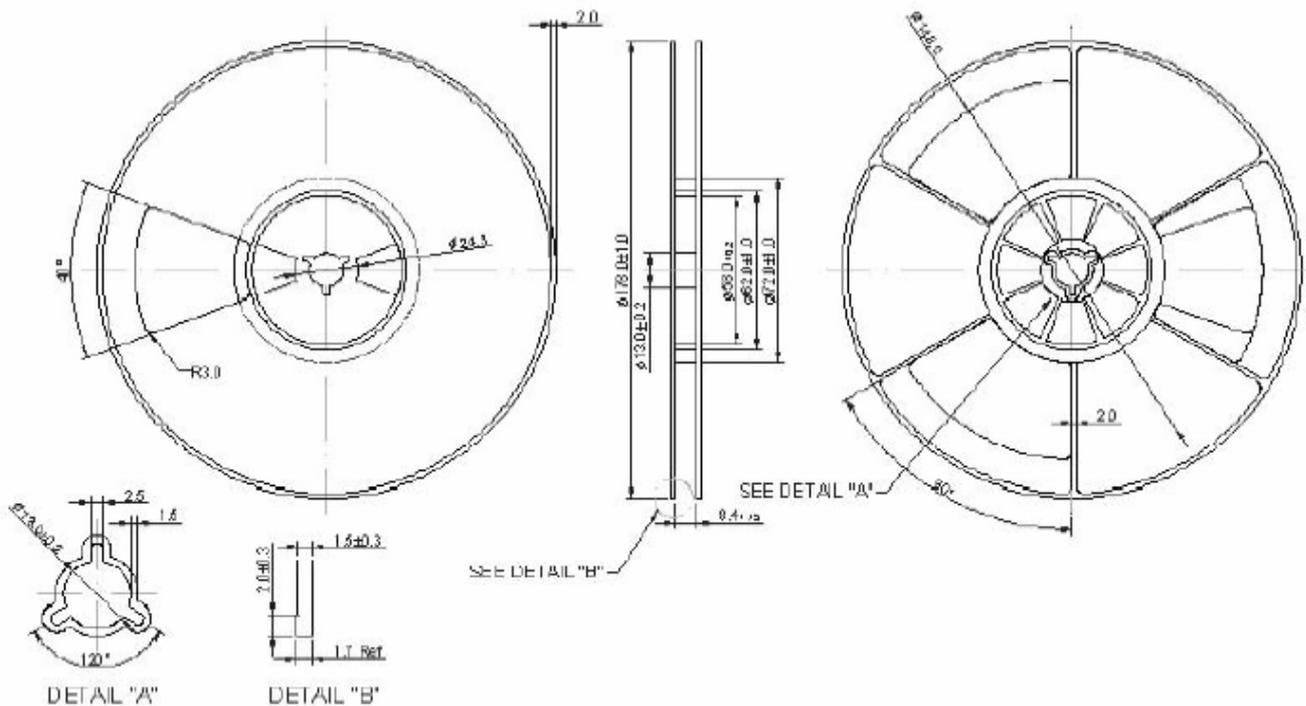
△ : Year Code (2006->6, ..., 2009->9)

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

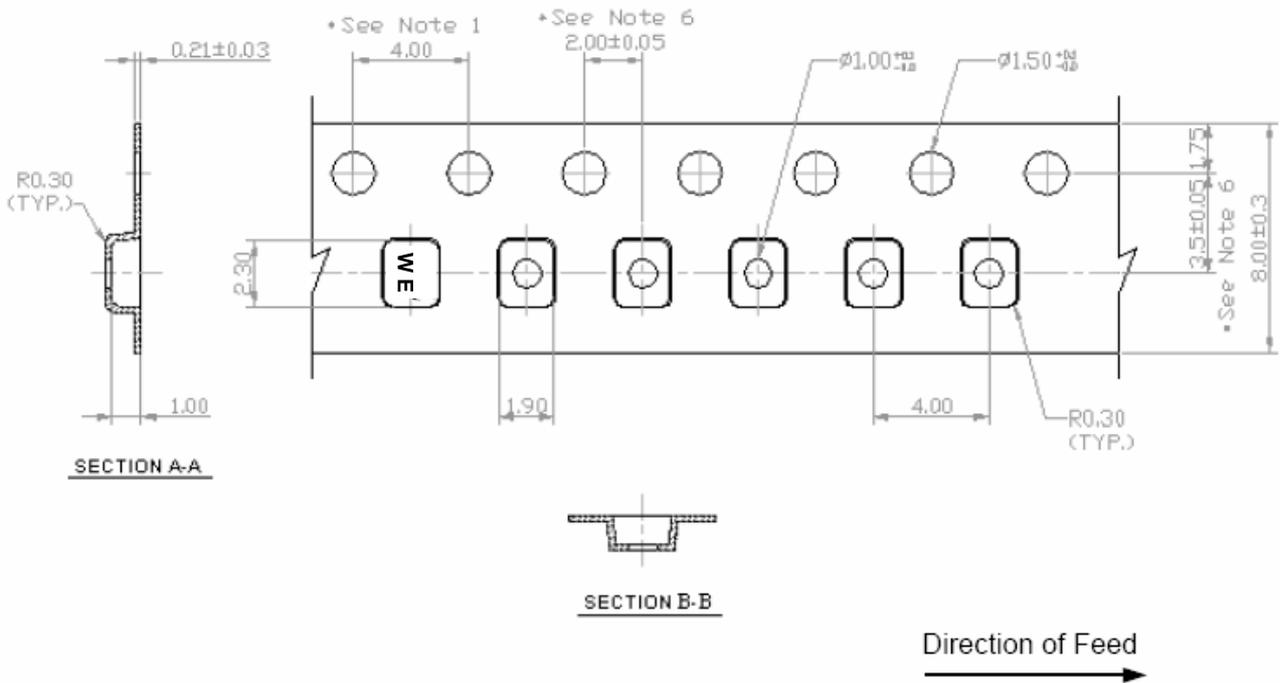
F. PACKING:

1. REEL DIMENSION

(Reel Count : 7"=2000 typ. ; 13"=10000 typ.)



2.TAPE DIMENSION



G. RECOMMENDED REFLOW PROFILE:

