

TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 866MHz SMD 3.8x3.8 mm (BW=8 MHz)

TST Parts No.:TA1362A

Customer Parts No.: _____

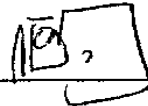
Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ David Chang 張閱智

Approved by: _____ Francis Chen 何, 

Date: _____ 2011/04/08

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 866 MHz

MODEL NO.: TA1362A

REV. NO.:1.0

A. MAXIMUM RATING:

1. Input Power Level: 18 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -25°C to +70°C
4. Storage Temperature: -30°C to +85°C

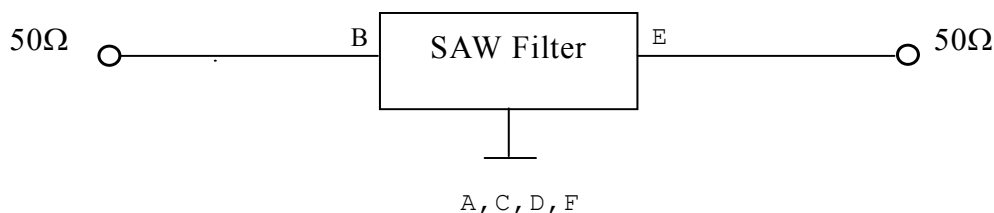
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.
Center frequency F_o	MHz	-	866	-
Insertion loss at F _c A_{max}	dB	-	2.4	3.0
Ripple (862.5~870.5 MHz)	dB	-	0.3	1.3
VSWR (862.5~870.5 MHz)	-	-	1.3	2.0
Attenuation (Reference level from A _{max})				
10 ~ 830 MHz	dB	45	58	-
830 ~ 850 MHz	dB	22	35	-
885 ~ 905 MHz	dB	27	31	-
905 ~ 950 MHz	dB	45	49	-
950 ~ 1500 MHz	dB	40	52	-
1500 ~ 3000 MHz	dB	25	27	-
Temperature coefficient of frequency TC_f	ppm /°C	-	-36	-

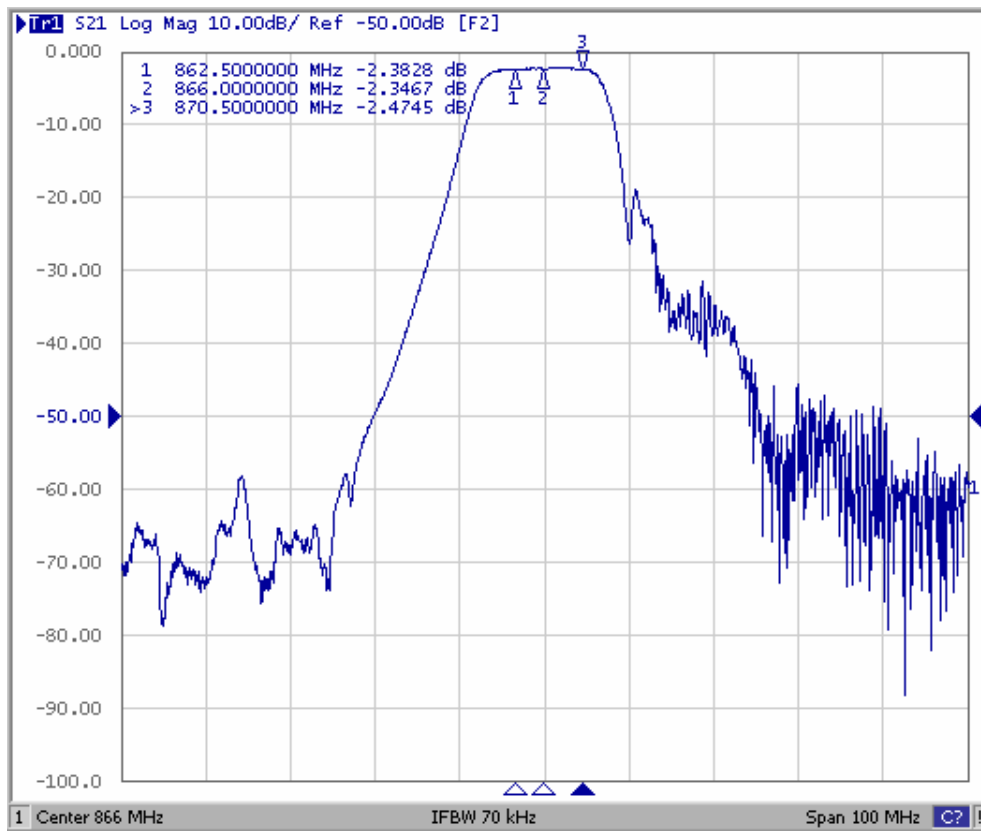
C. MEASUREMENT CIRCUIT:

HP Network analyzer

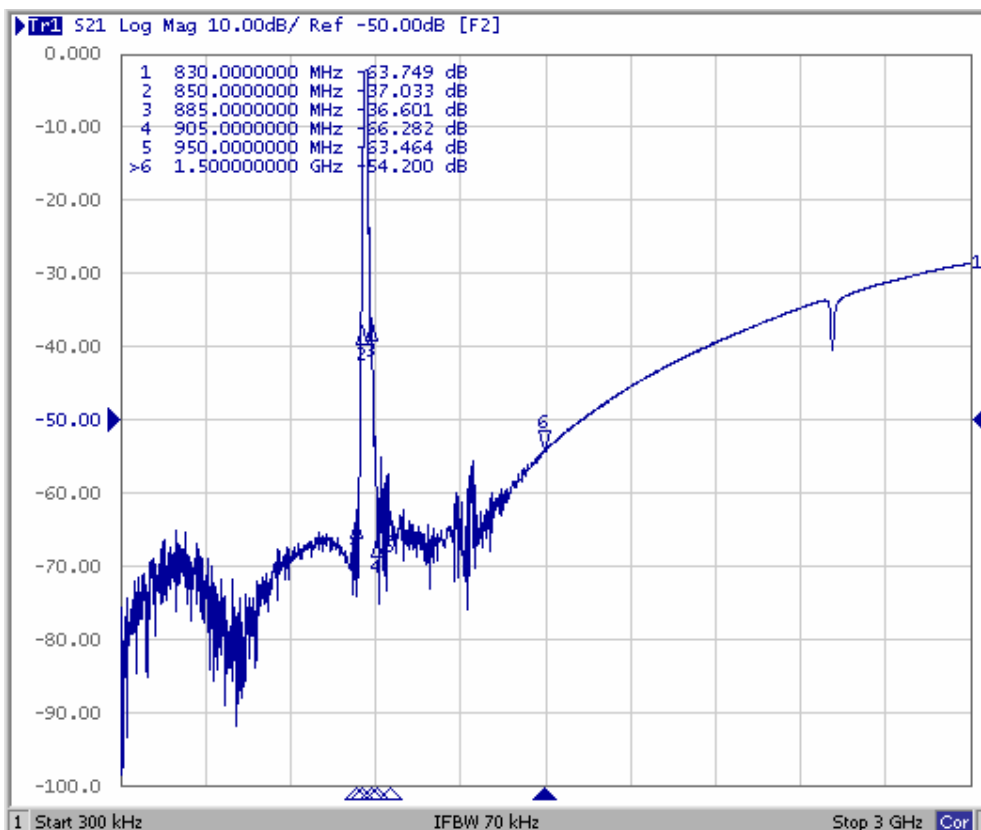


D. Frequency Characteristics:

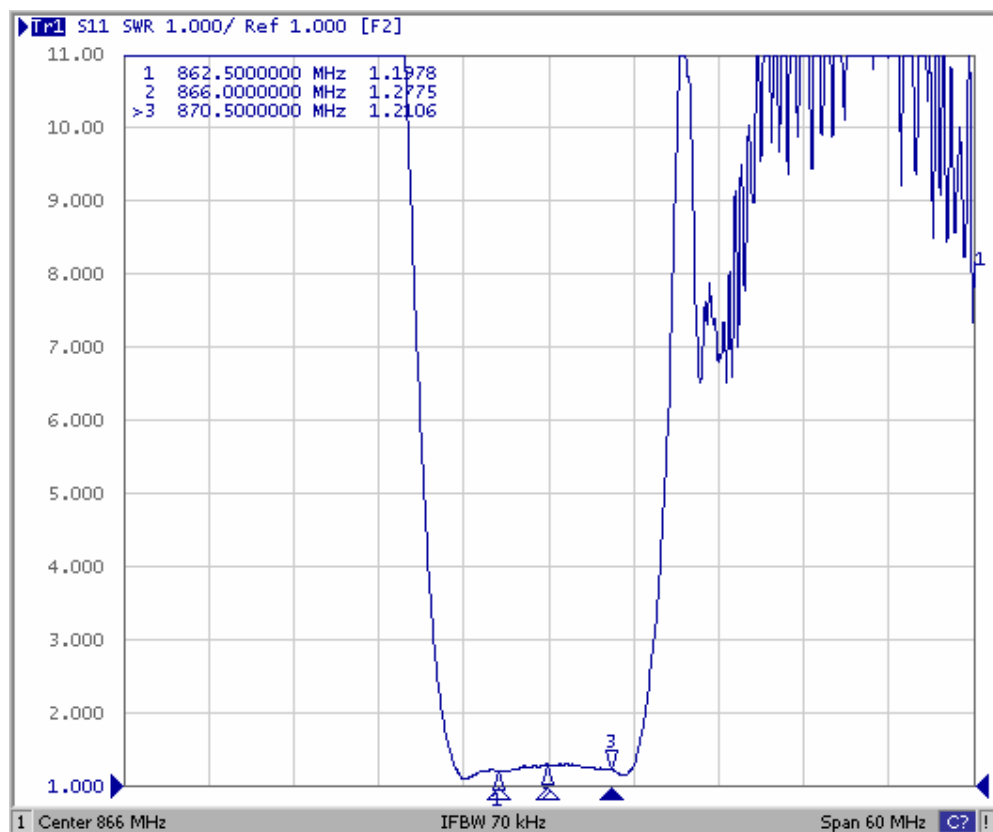
(1) wide band Response:(span 100MHz)



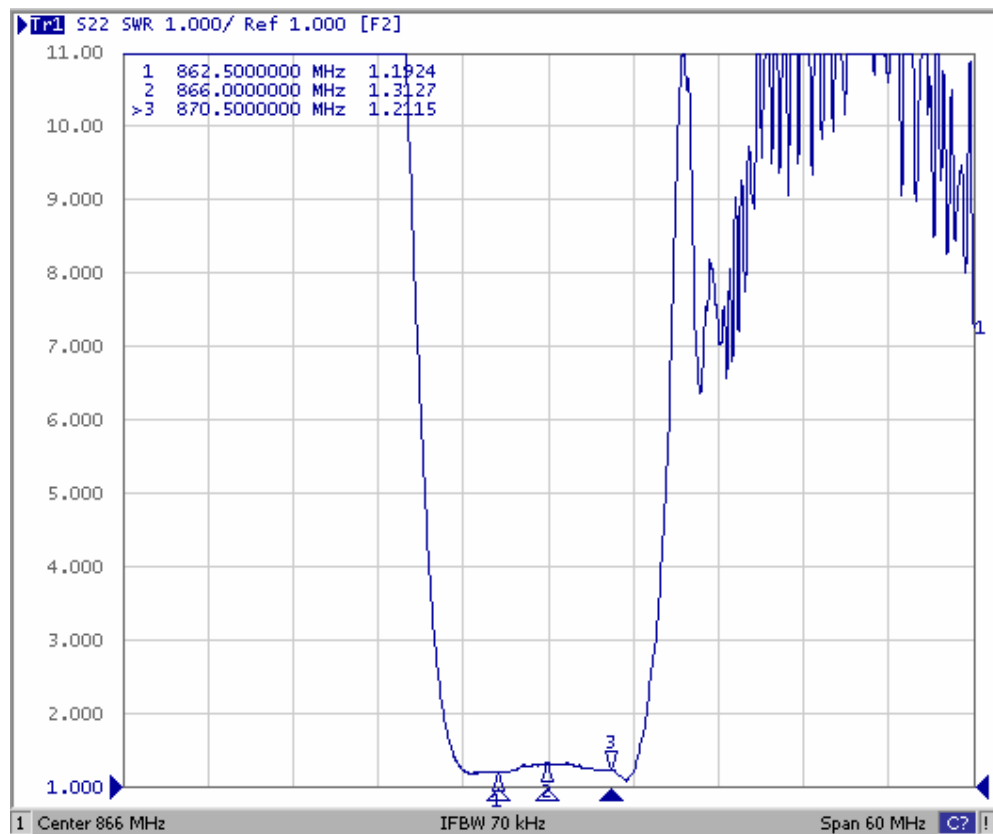
(2) wide band Response:(300k ~ 3GHz)



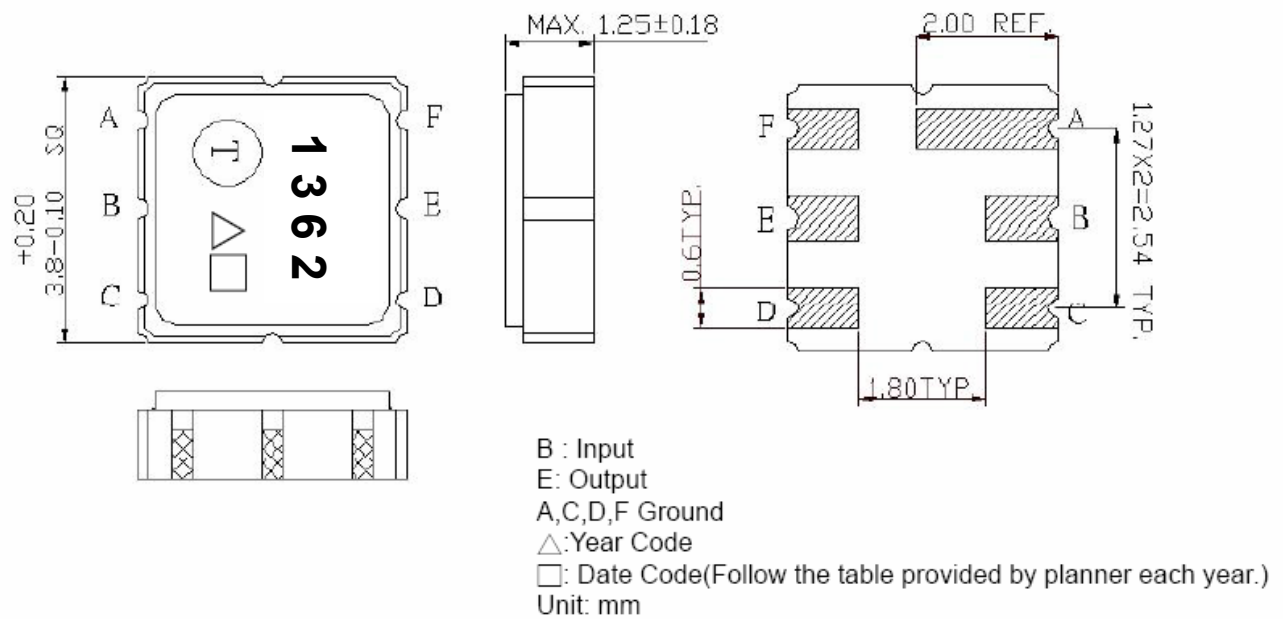
(3) S11 VSWR Variation: (span 60MHz)



(4) S22 VSWR Variation: (span 60MHz)



E. OUTLINE DRAWING:

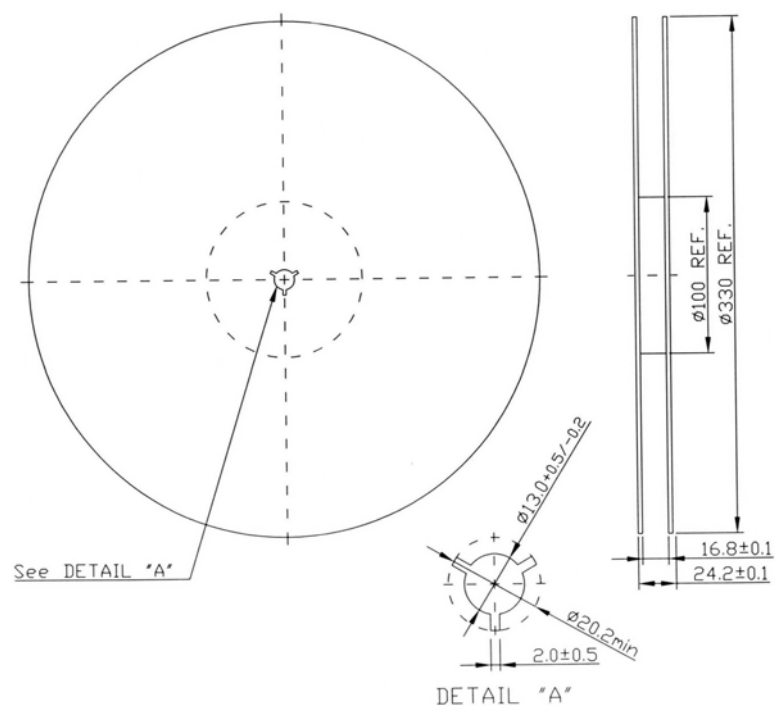


△ Product Year Code

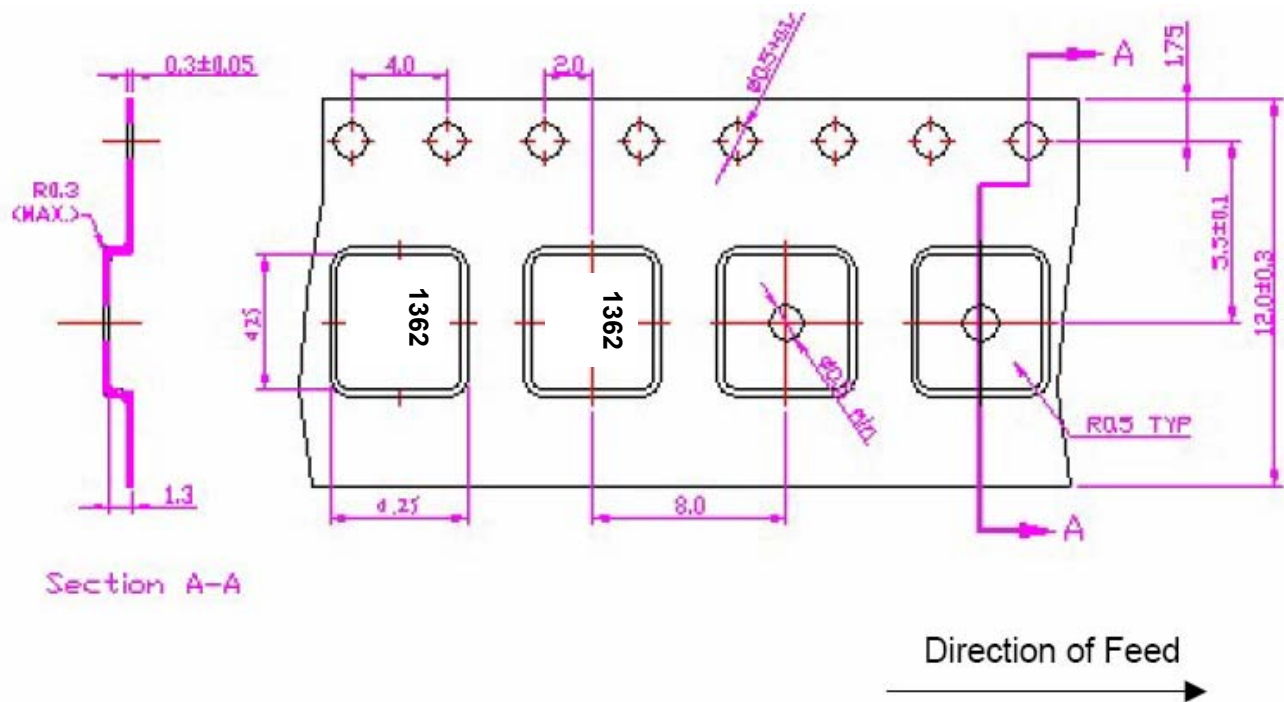
Year	2005 2007 2009	2006 2008 2010
Product Code	A	a

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



G. RECOMMENDED REFLOW PROFILE:

