



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 787.5MHz SMD 3.8×3.8mm

TST Parts No.:TA0877A

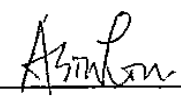
Customer Parts No.:_____

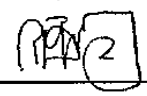
Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Asin Lin 

Approval by:_____ Francis Chen 

Date:_____ 2008/07/08



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SAW Filter 787.5 MHz

MODEL NO.: TA0877A

REV. NO.: 1

A. MAXIMUM RATING:

1. Input Power Level: 5 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -20°C to 70°C
4. Storage Temperature: -40°C to +85°C

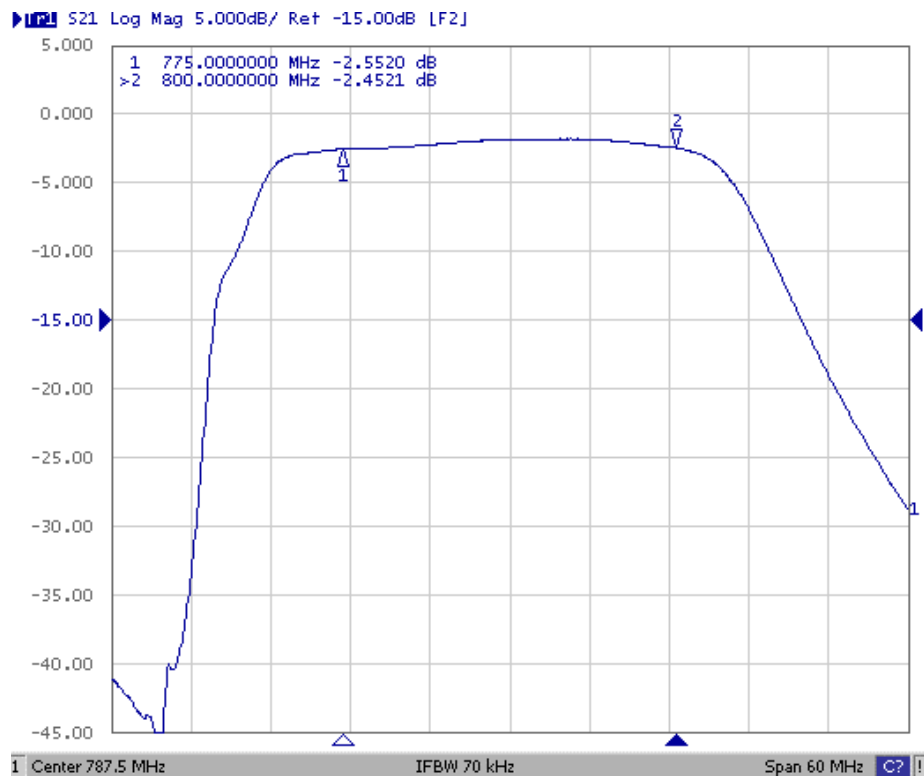
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

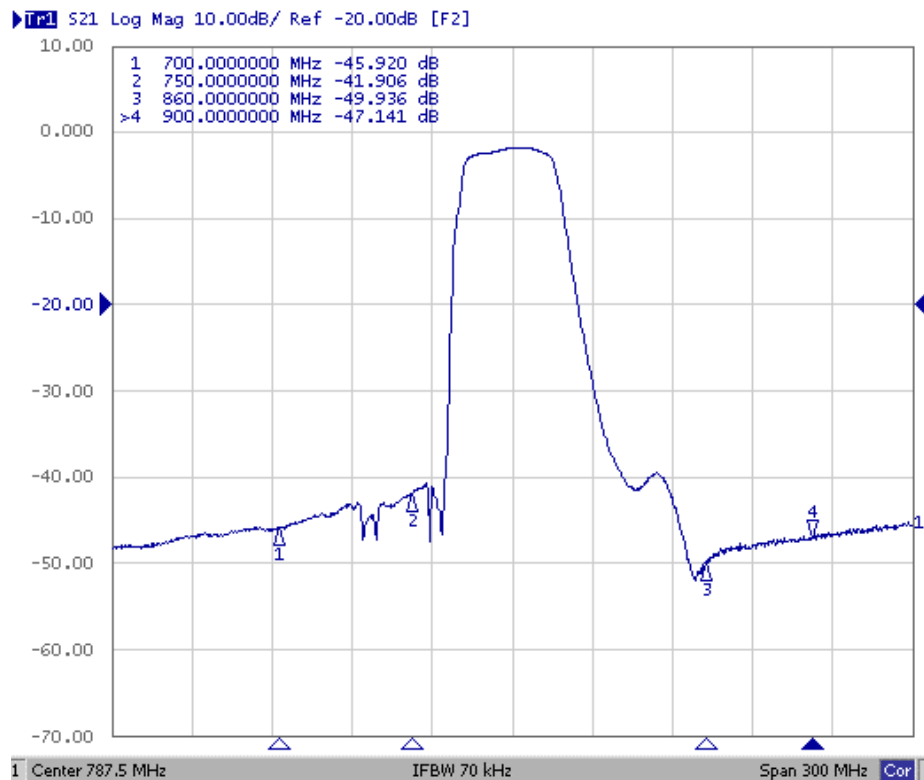
Item				Min.	Typ.	Max.
Center frequency	F _c	MHz		-	787.5	-
Insertion loss	775 ~ 800 MHz	IL	dB	-	2.9	4.0
Amplitude ripple	775 ~ 800 MHz		dB	-	1.0	2.0
Attenuation (Reference level from 0dB)						
600 ~ 700		MHz	dB	40	47	-
700 ~ 750		MHz	dB	30	41	-
860 ~ 900		MHz	dB	30	43	-
900 ~ 1000		MHz	dB	38	46	-
Source impedance	Z _S		Ω	-	50	-
Load impedance	Z _L		Ω	-	50	-

Note1. No matching network required for operation at 50Ω

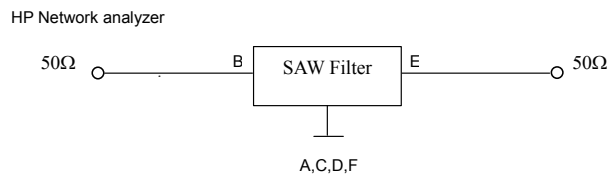
C. Transfer Function :



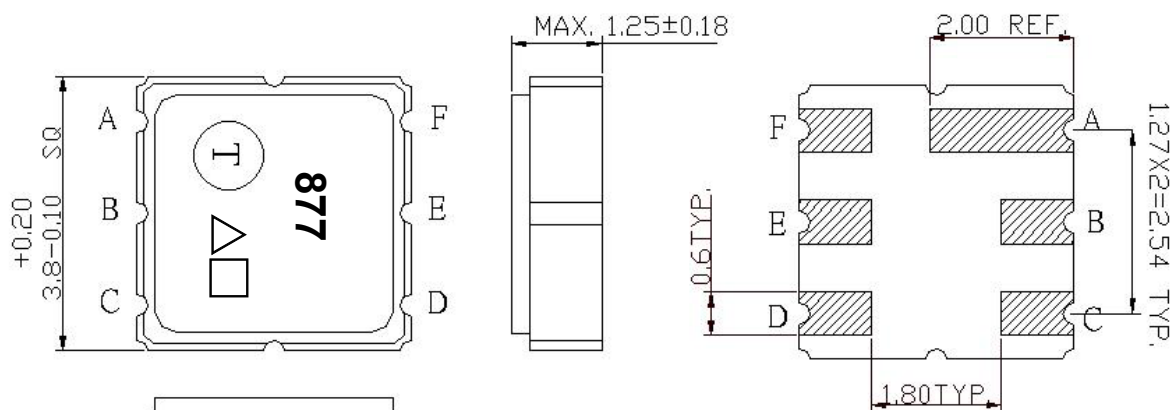
Wideband



D. MEASUREMENT CIRCUIT:



E.OUTLINE DRAWING:



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

△:Year Code

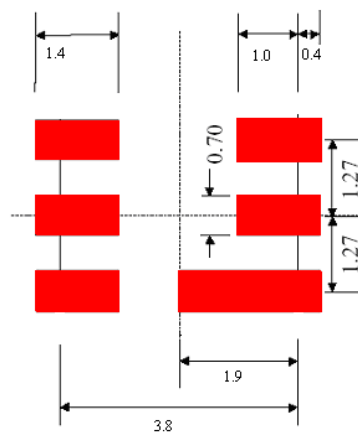
□: Date Code(Follow the table provided by planner each year.)

Unit: mm

△ Product Year Code

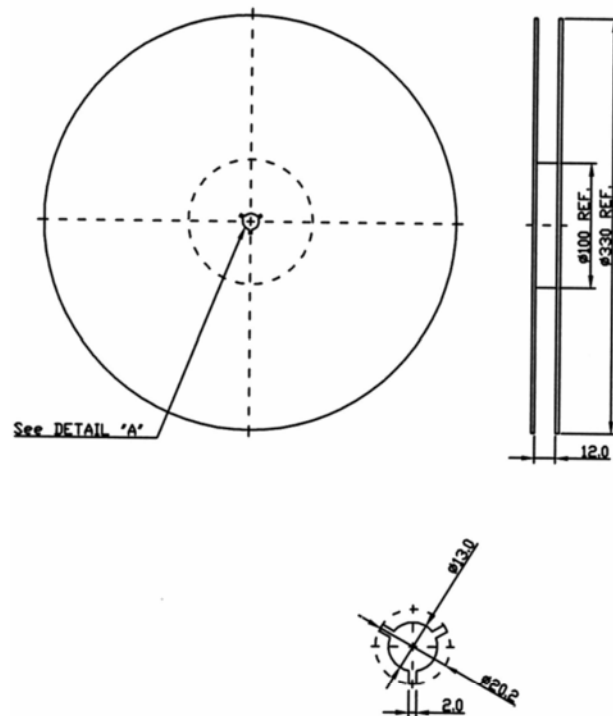
Year	2005 2007 2009	2006 2008 2010
Product Code	A	a

F.PCB FOOTPRINT:

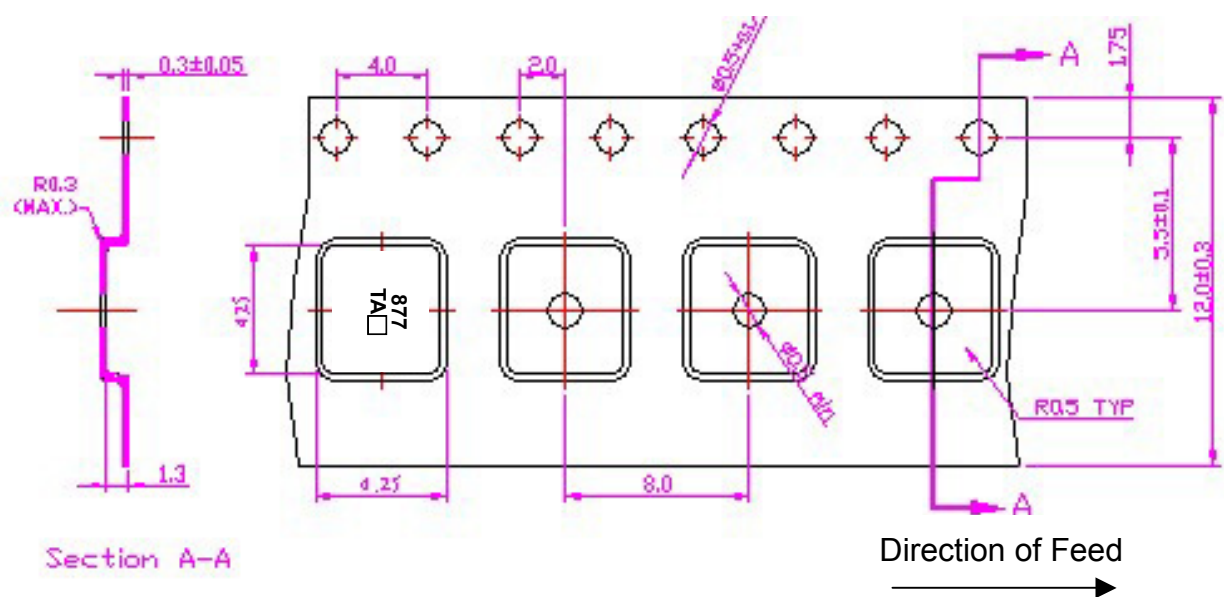


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. REFLOW PROFILE:

