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
E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 433MHz SMD 3.8×3.8mm

TST Parts No.: TA0692A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by: Asin Lin

Approval by: Francis Chen

Date: 2007/05/11

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SAW Filter 433 MHz

MODEL NO.: TA0692A REV. NO.:1

RoHS Compliant
Lead free
Lead-free soldering

A. MAXIMUM RATING:

1.Input Power Level: 10 dB_m

2.DC voltage: 3 V

3.Operating Temperature: -30°C to 72°C

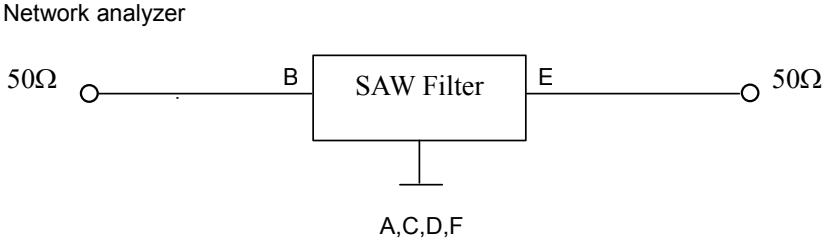
4.Storage Temperature: -30°C to +85°C

B. CHARACTERISTICS:

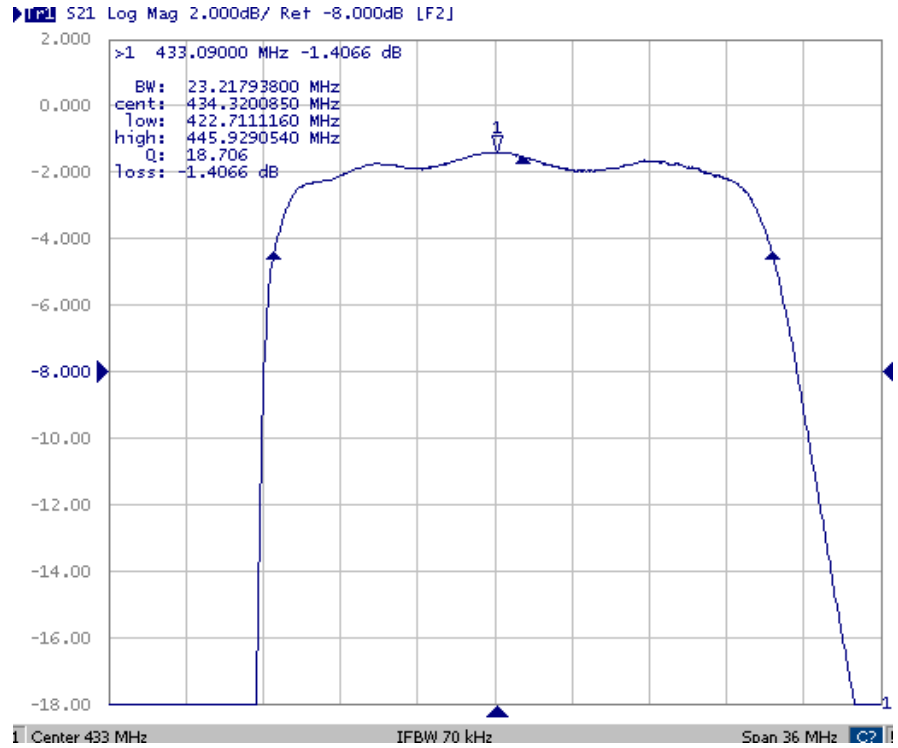
Item		Specification		
	Unit	Min.	Typ.	Max.
Center Frequency Fc	MHz	-	433	-
Insertion Loss ILmin	dB	-	1.4	2.8
Bandwidth BW_{-3dB}	MHz	20	22.9	-
Absolute Attenuation(reference to 0 dB)				
10 ~ 410 MHz	dB	36	45	-
470 ~ 680 MHz	dB	36	46	-
Source impedance Zs	Ω	-	50	-
Load impedance ZL	Ω	-	50	-
Temperature coefficient	ppm/k		-36	

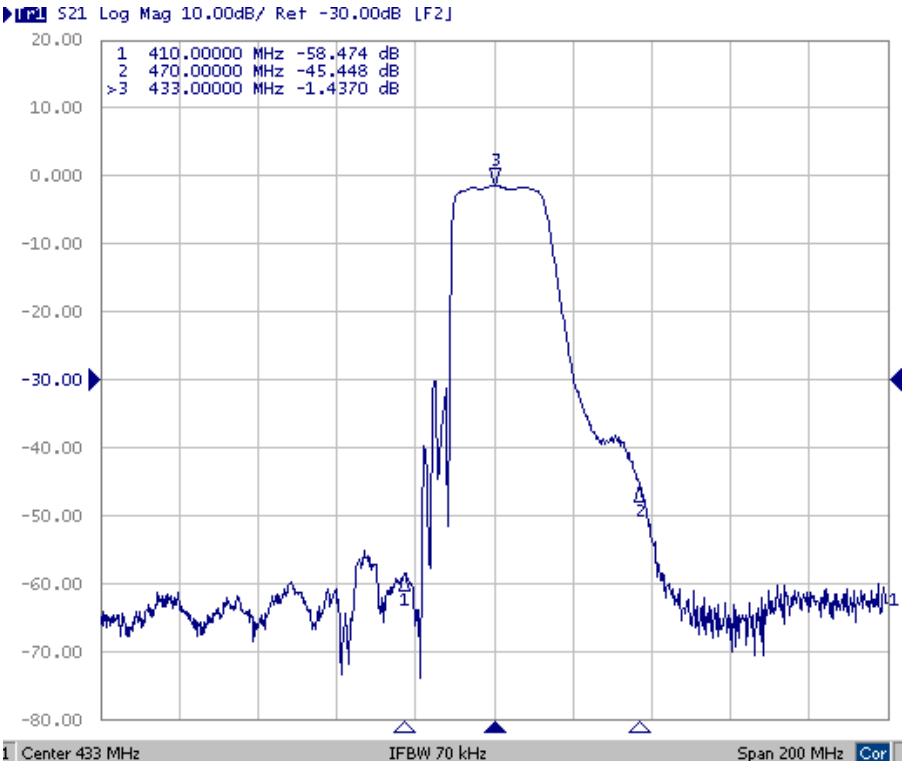
Note: IL_{min} is the minimum of the pass band attenuation. The center frequency F_c is the mean value of the upper and lower frequencies at the 3dB filter attenuation level relative to the IL_{min}.

C. MEASUREMENT CIRCUIT:

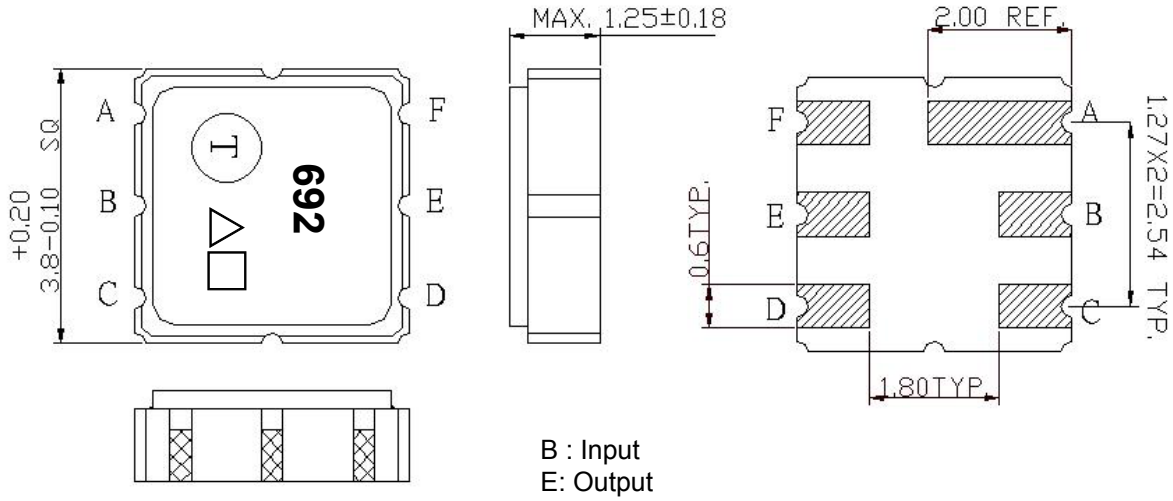


D. TRANSFER FUNCTION :





E.OUTLINE DRAWING:

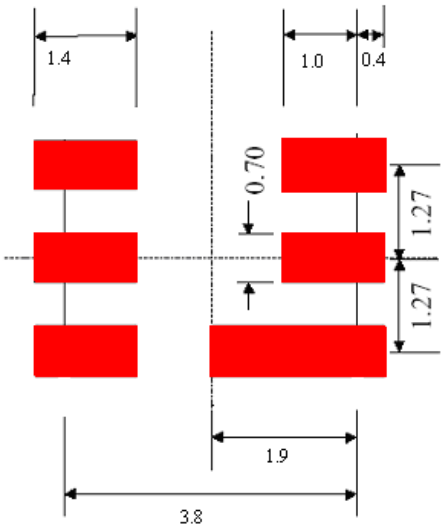


B : Input
E: Output
A,C,D,F Ground
△:Year Code
□: Date Code(Follow the table provided by planner each year.)
Unit: mm

△ Product Year Code

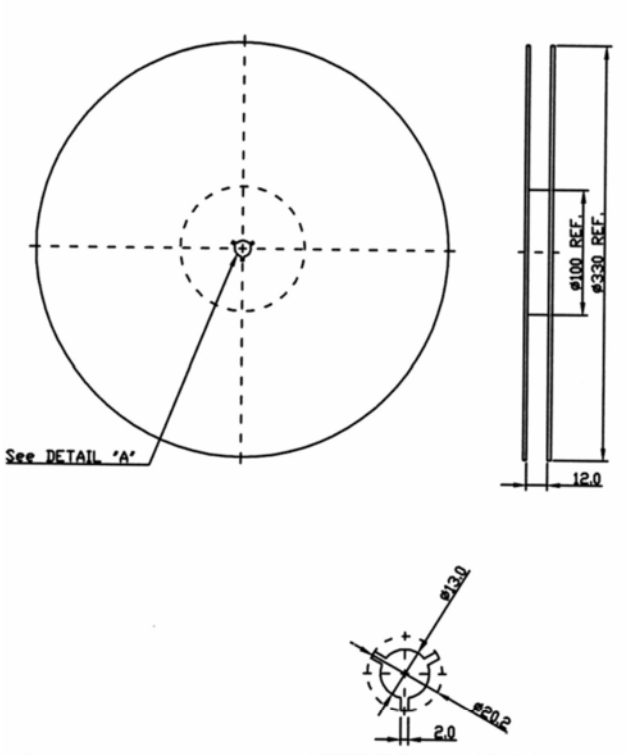
Year	2005 2007 2009 .	2006 2008 2010 .
Product Code	A	a

F.PCB FOOTPRINT:

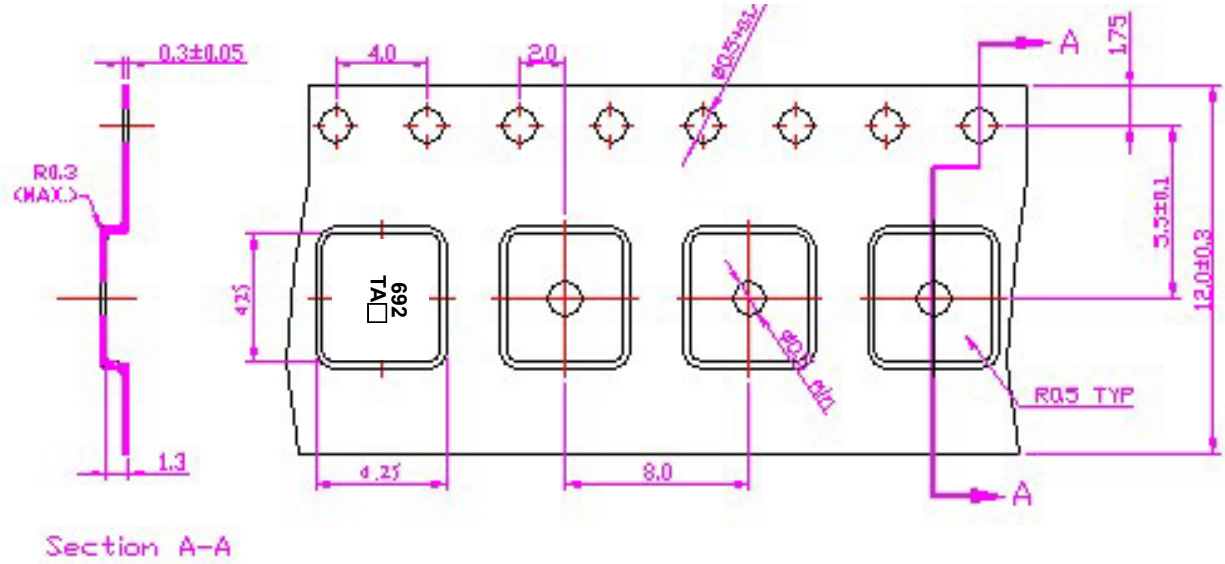


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Direction of Feed

H. REFLOW PROFILE

