



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 493.92MHz SMD 3.0×3.0mm

TST Parts No.: TA0944A

Customer Parts No.: _____

Company: _____
Division: _____
Approved by: _____
Date: _____

Checked by: Asin Lin *Asin*

Approval by: Francis Chen *Bob Chen*

Date: 2008/10/31



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SAW Filter 433.92 MHz

MODEL NO.: TA0944A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -40°C to 85°C
4. Storage Temperature: -40°C to +85° C

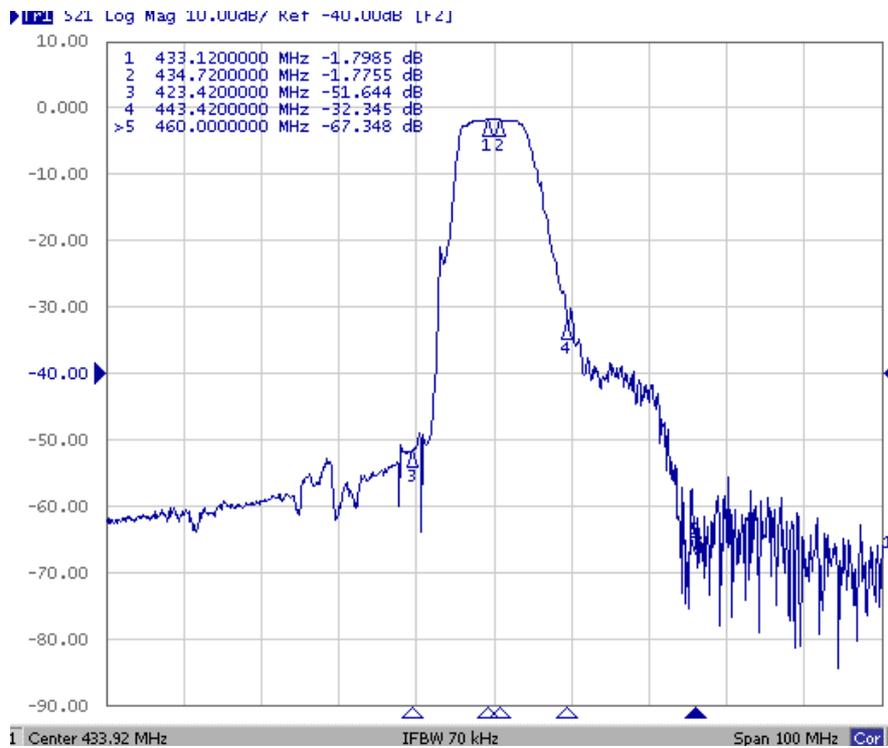
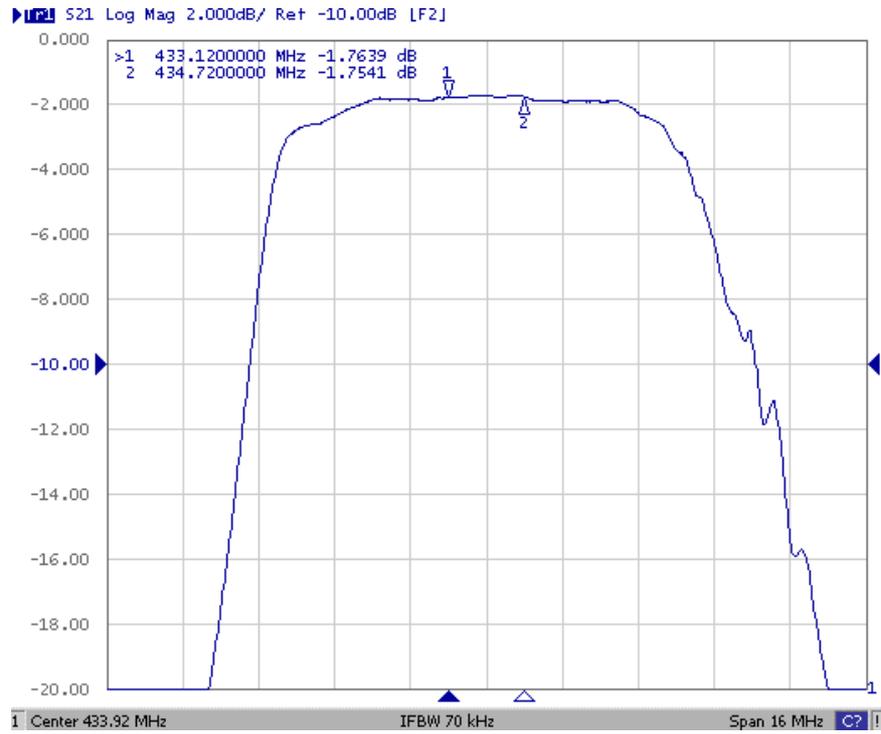
RoHS Compliant
Lead free
Lead-free soldering

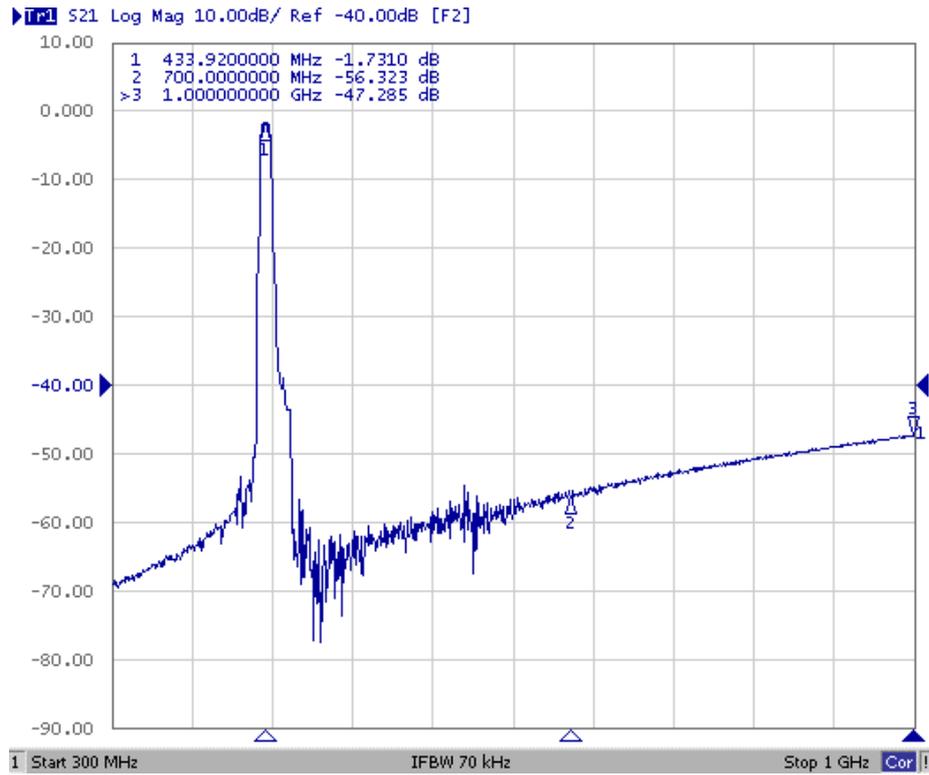
B. CHARACTERISTICS:

Item	Unit	Min.	Typical	Max.
Center frequency Fc	MH	-	433.92	-
Insertion loss 433.12 ~ 434.72 MHz IL	dB	-	2.2	2.9
Amplitude ripple 433.12 ~ 434.72 MHz	dB	-	0.4	1.0
VSWR S11 S22	-	-	1.6	2.0
Attenuation (Reference level from 0 dB)				
10.0 ~ 380.00 MHz	dB	58	61	-
380.00 ~ 423.42 MHz	dB	46	50	-
443.42 ~ 453.42 MHz	dB	25	30	-
453.42 ~ 460.00 MHz	dB	35	40	-
460.00 ~ 700.00 MHz	dB	50	54	-
700.00 ~ 1000.00 MHz	dB	42	46	-
Source impedance Zs	Ω	-	50	-
Load impedance ZL	Ω	-	50	-

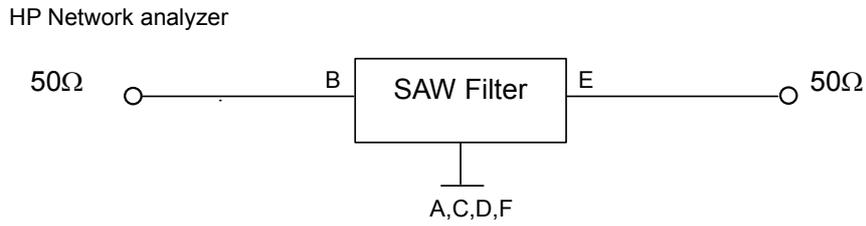
Note1. No matching network required for operation at 50Ω

C. TRANSFER FUNCTION :

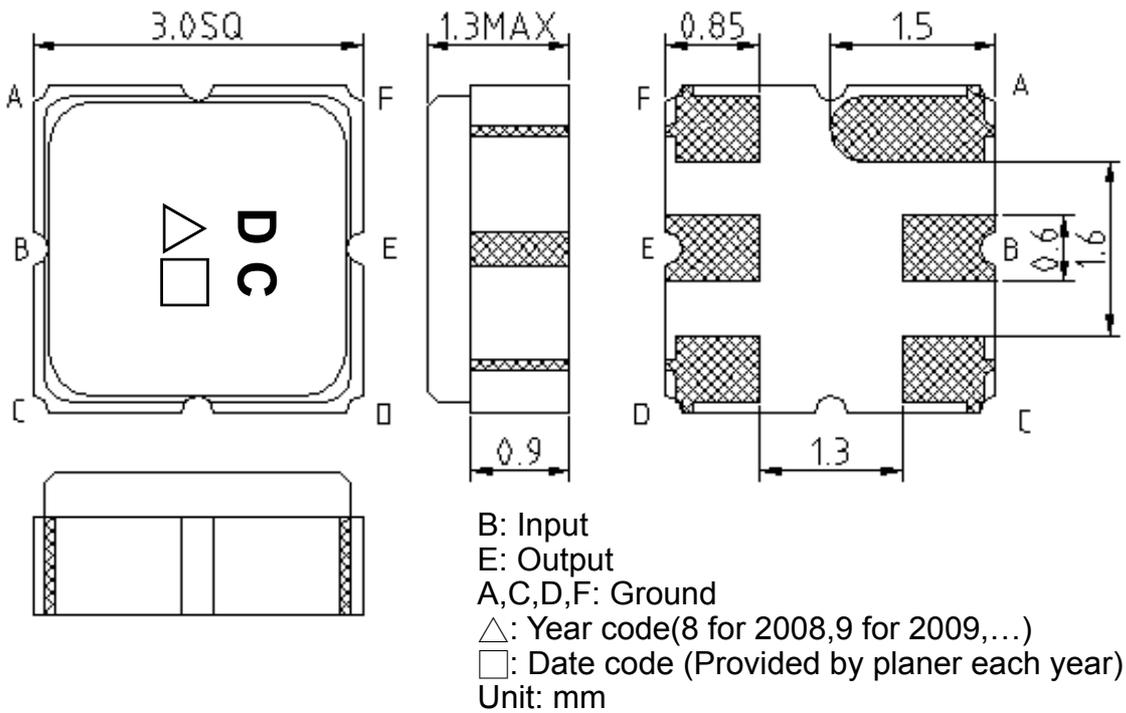




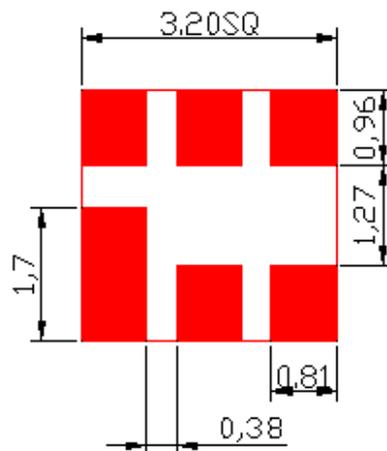
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:

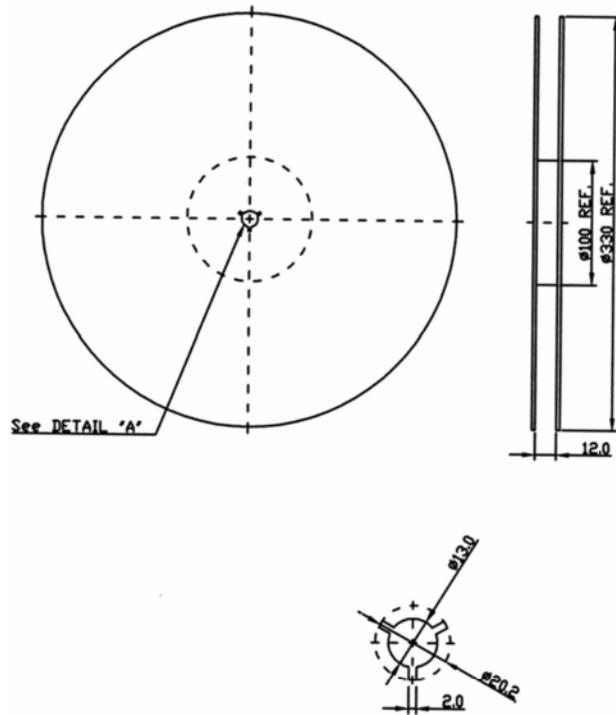


F. PCB FOOTPRINT:

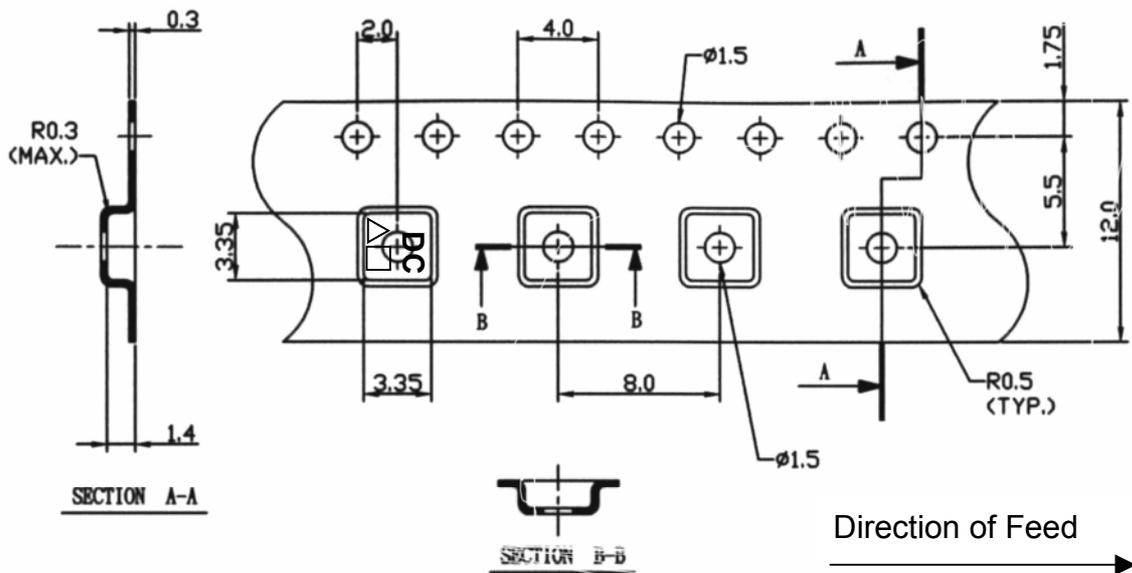


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE:

