



TAI-SAW TECHNOLOGY CO., LTD.

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

Issued Date:

Product Name: SAW Filter 707 MHz SMD 3.0x3.0 mm

TST Parts No.:TA0987A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ David Chang 張閔智

Approval by:_____ Francis Chen 陳文輝

Date:_____ 2009/02/13



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SAW Filter 707 MHz

MODEL NO.:TA0987A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: 0°C to +50°C
4. Storage Temperature: -30°C to +85°C

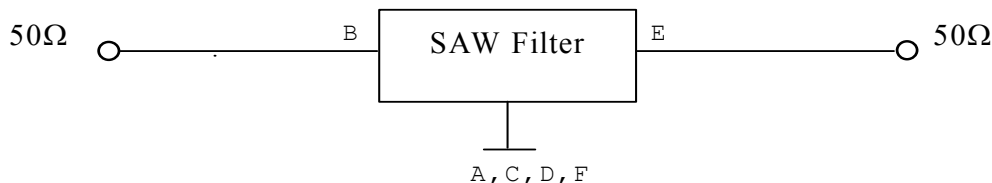
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

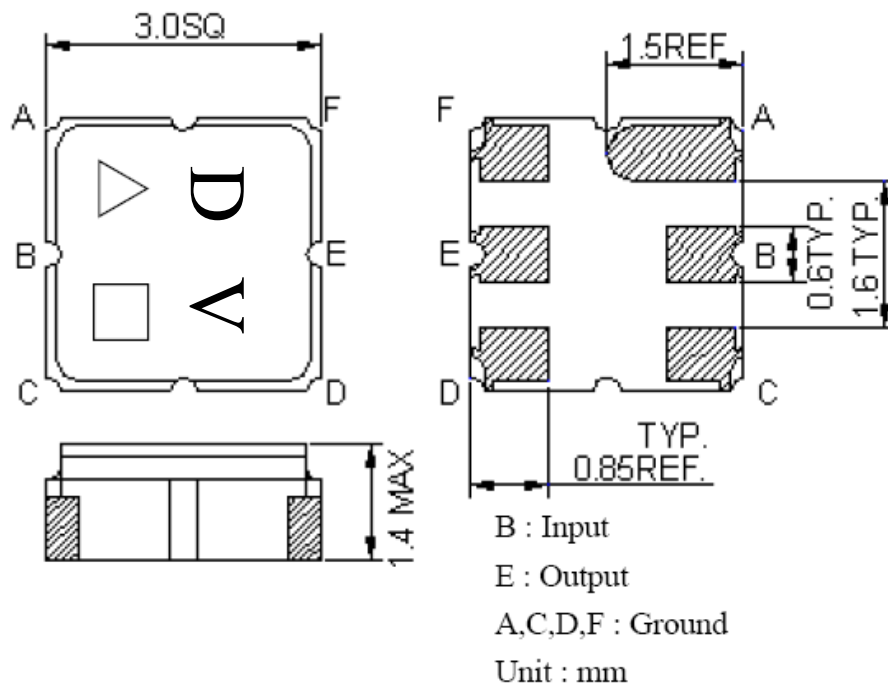
Item		Unit	Min.	Typ.	Max.
Center frequency	F _c	MHz	-	707	-
Insertion Loss	(698~716 MHz) IL	dB	-	2.1	3.5
Amplitude ripple	(698~716 MHz)	dB	-	0.5	1.5
VSWR	(698~716 MHz)	-	-	1.7	2.3
Attenuation (reference from 0dB)					
F _c - 45 MHz		dB	40	52	-
F _c + 45 MHz		dB	35	45	-
Source impedance	Z _S	Ω	-	50	-
Load impedance	Z _L	Ω	-	50	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



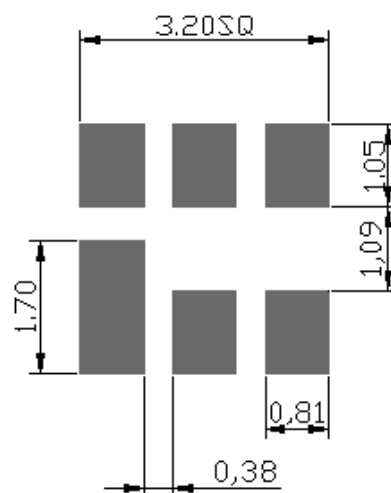
D.OUTLINE DRAWING:



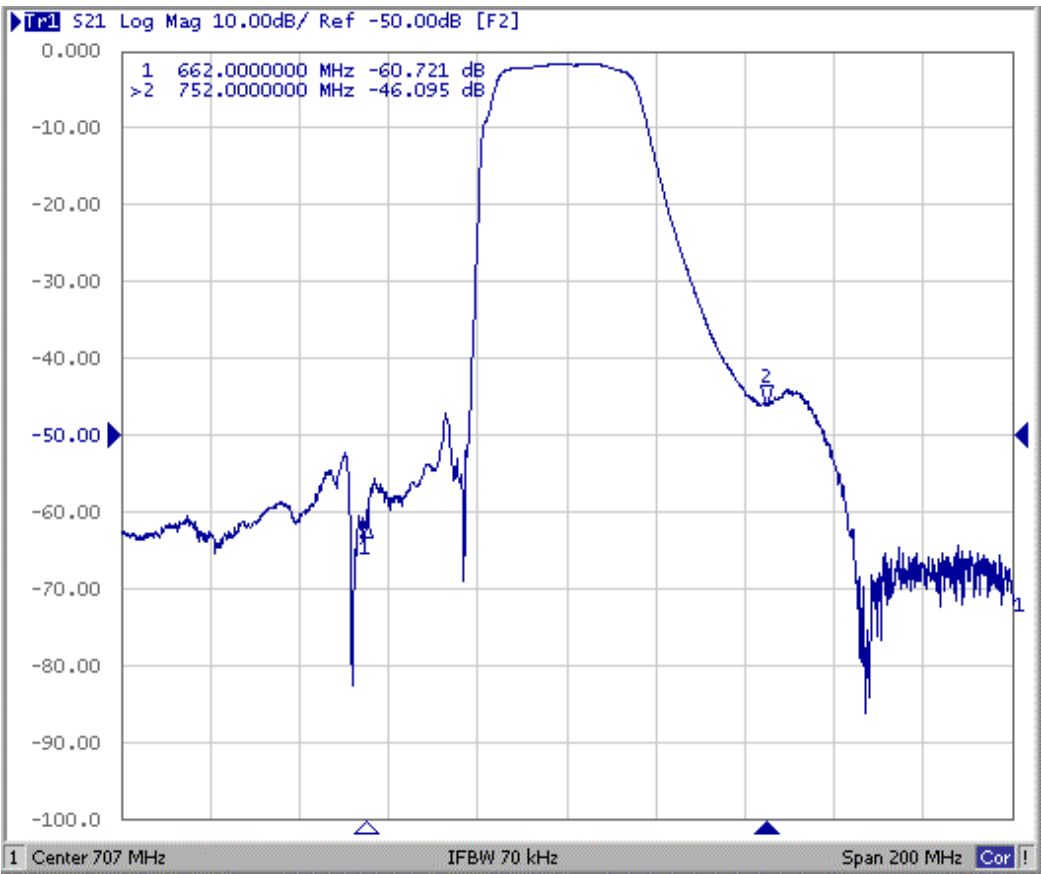
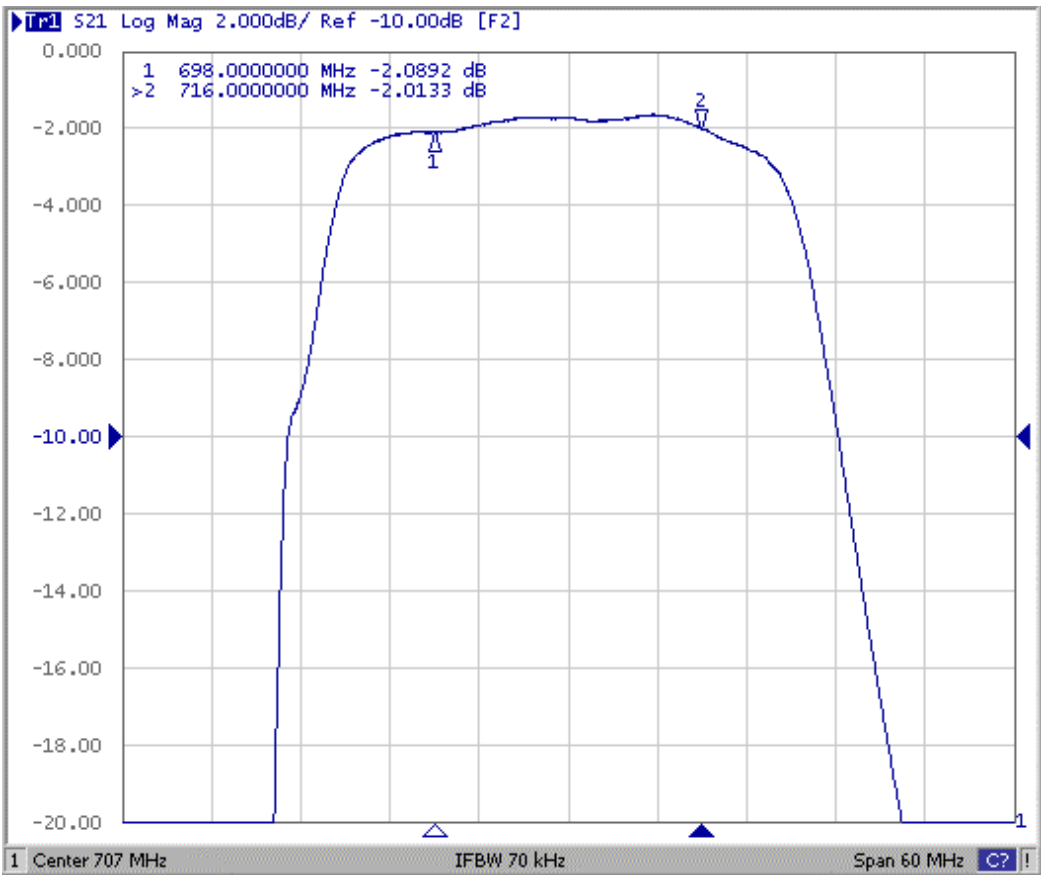
△ : Year Code (2006->6, ..., 2009->9)

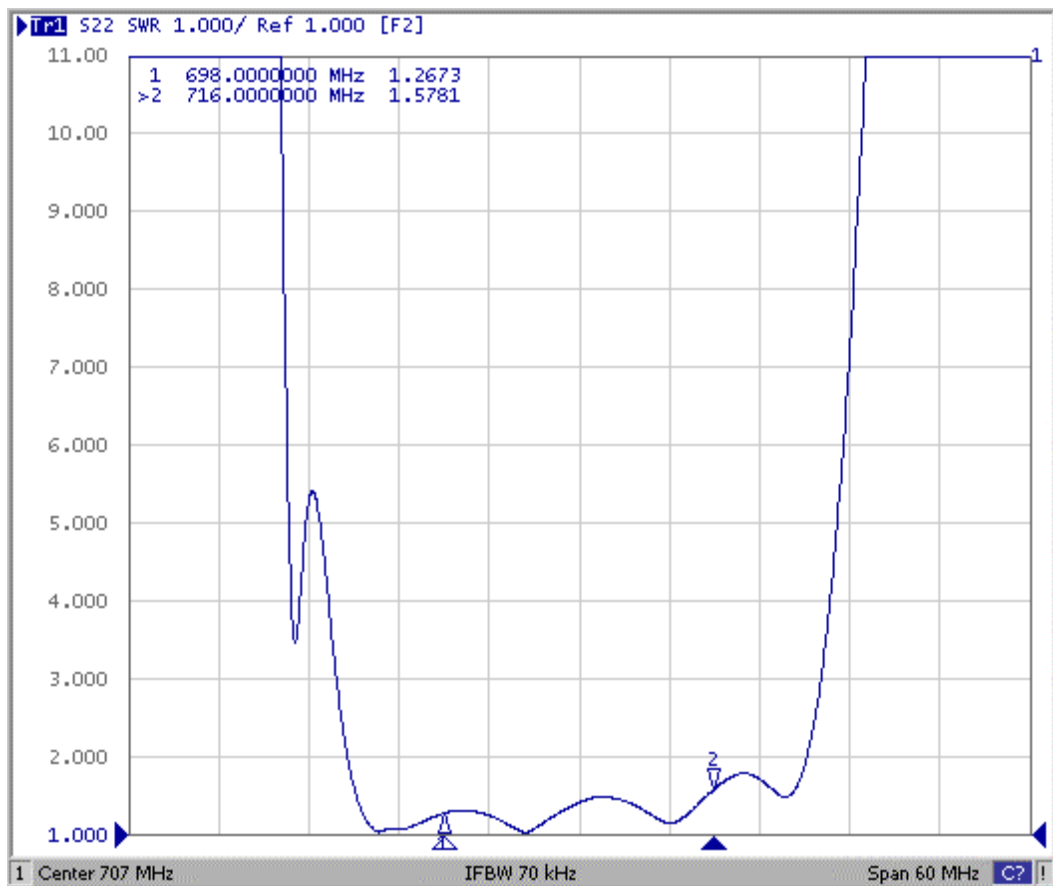
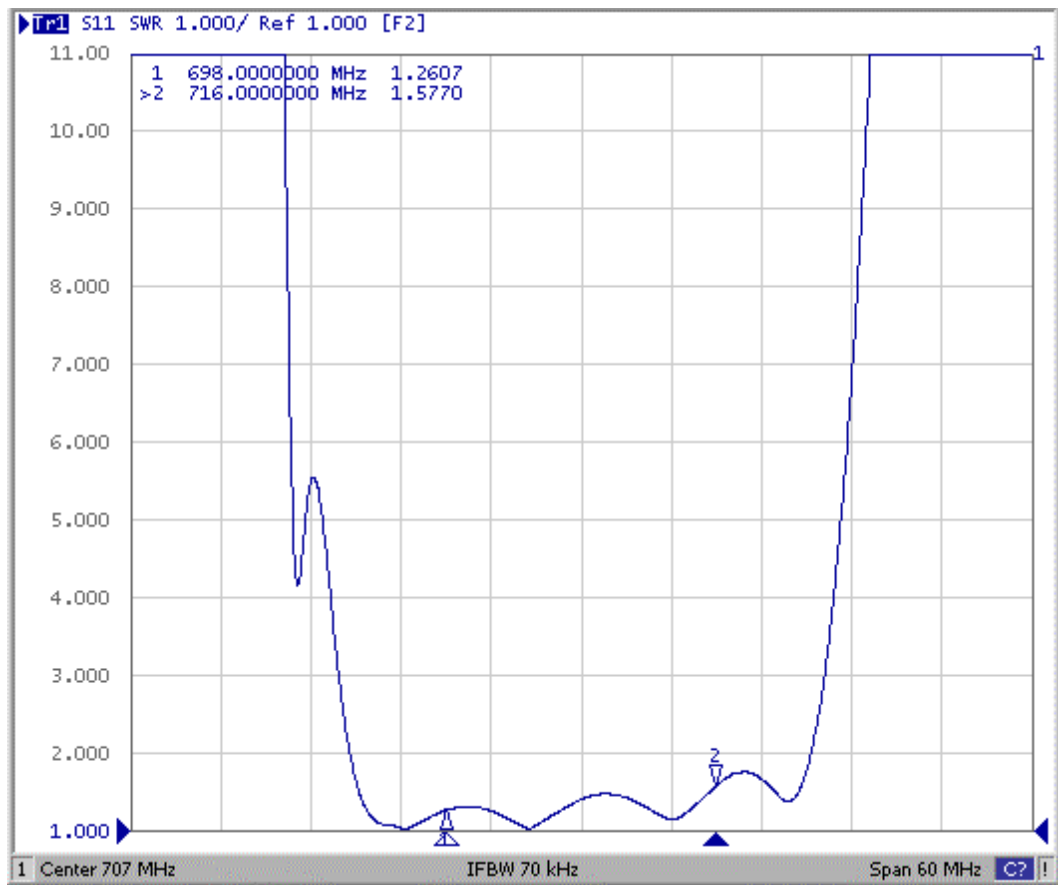
□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

E. PCB Footprint:



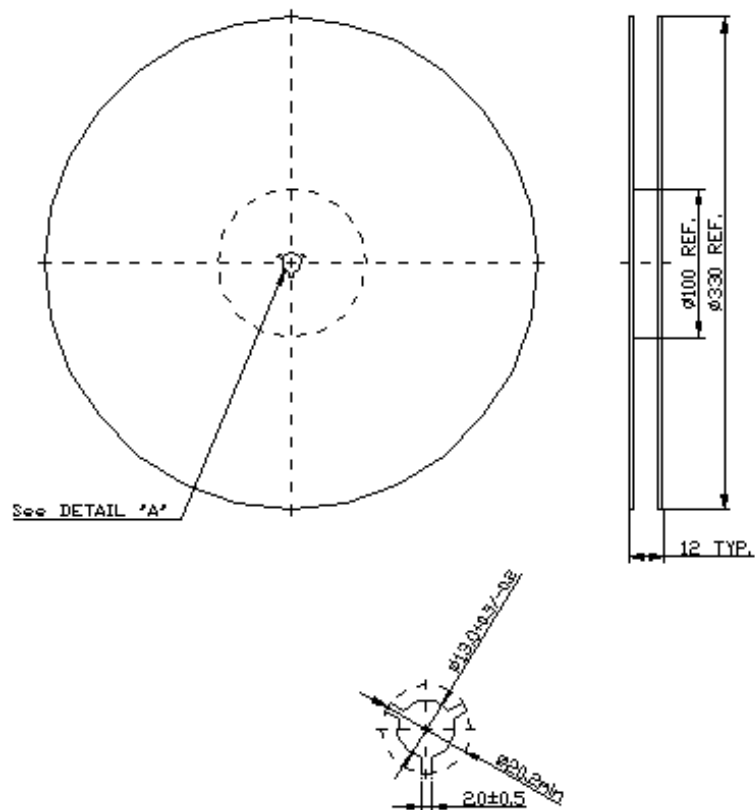
F. Frequency Characteristics :



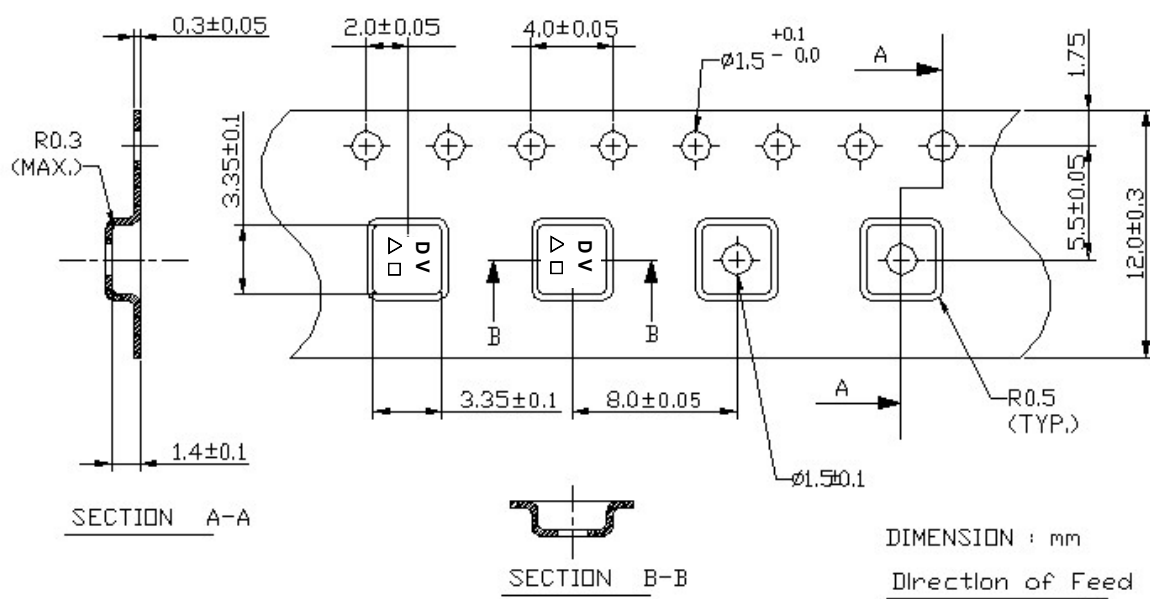


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

