



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 696 MHz SMD 3.8x3.8 mm

TST Parts No.: TA0985A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ David Chang 張閔智

Approval by: _____ Francis Chen 陳其

Date: _____ 2009/02/24



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SAW Filter 696 MHz

MODEL NO.:TA0985A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +80°C
4. Storage Temperature: -40°C to +85°C

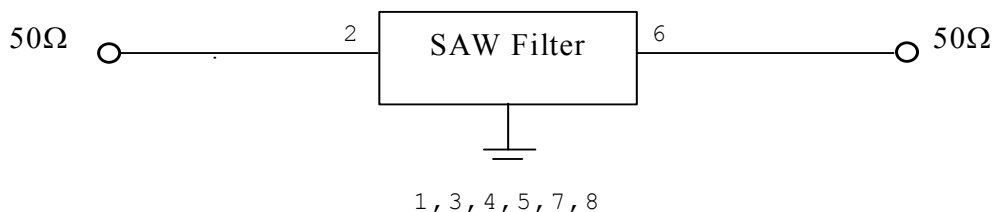
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

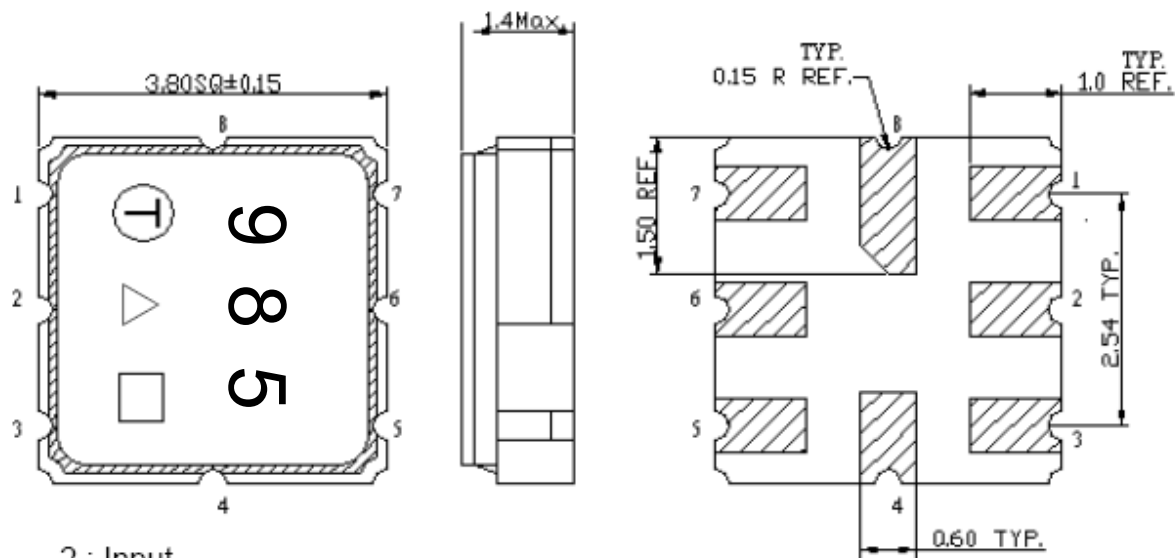
Item	Unit	Min.	Type.	Max.
Center frequency Fc	MHz	-	696	-
Insertion Loss (693~699 MHz) IL	dB	-	2.4	4.5
Amplitude Ripple (693~699 MHz)	dB	-	0.2	2
VSWR (693~699 MHz)	-		1.5	2.2
2 dB Bandwidth	MHz	6	10	
Attenuation:(Reference level from 0 dB)				
50 ~ 645 MHz	dB	50	58	-
645 ~ 677 MHz	dB	40	52	-
715 ~ 745 MHz	dB	35	42	-
745 ~ 950 MHz	dB	50	53	-
Source impedance Zs	Ω	-	50	-
Load impedance ZL	Ω	-	50	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D.OUTLINE DRAWING:

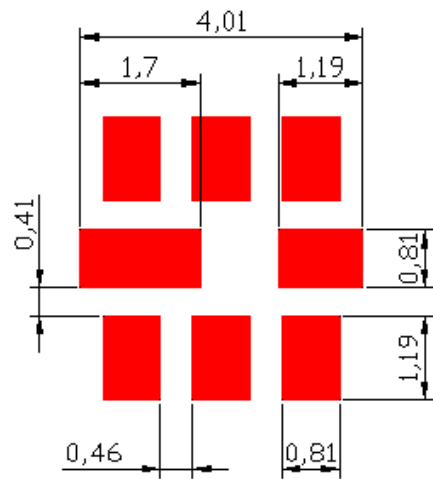


- 2 : Input
6: Output
1,3,4,5,7,8: Ground
△ : Year Code
□ : Date Code (W01->A, W02->B,...,W52->z)

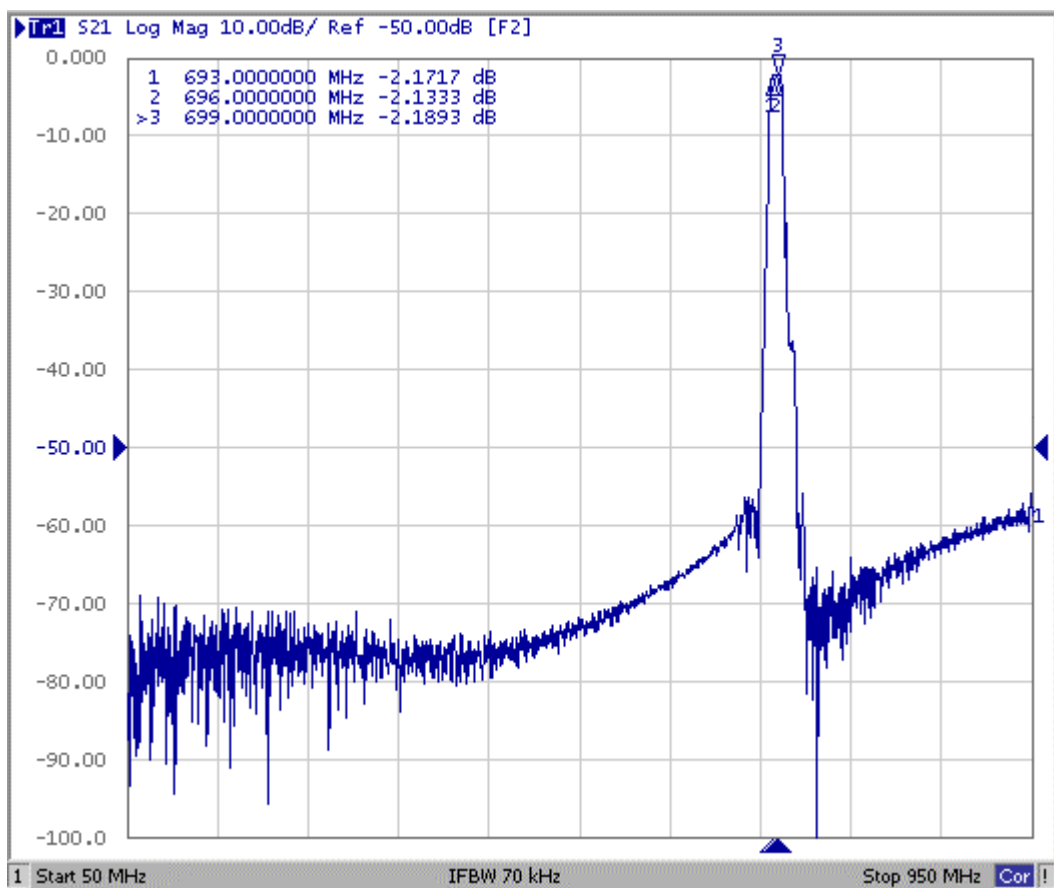
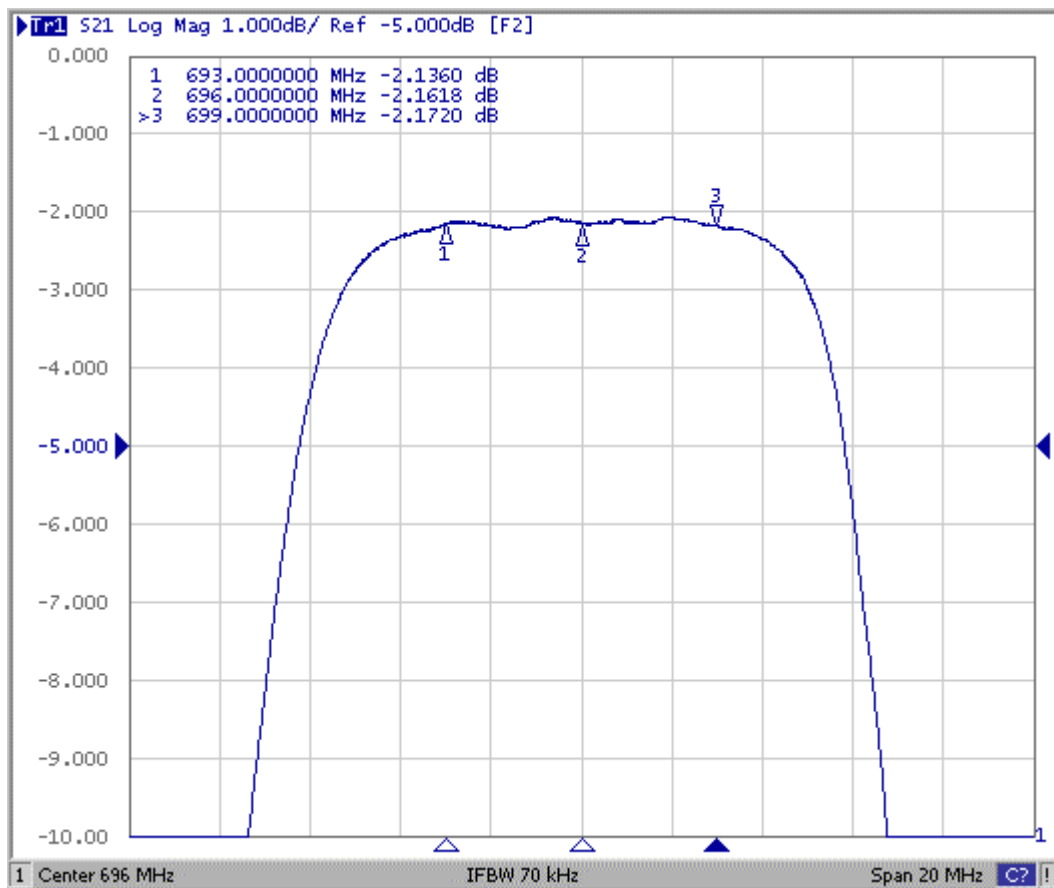
△ Product Year Code

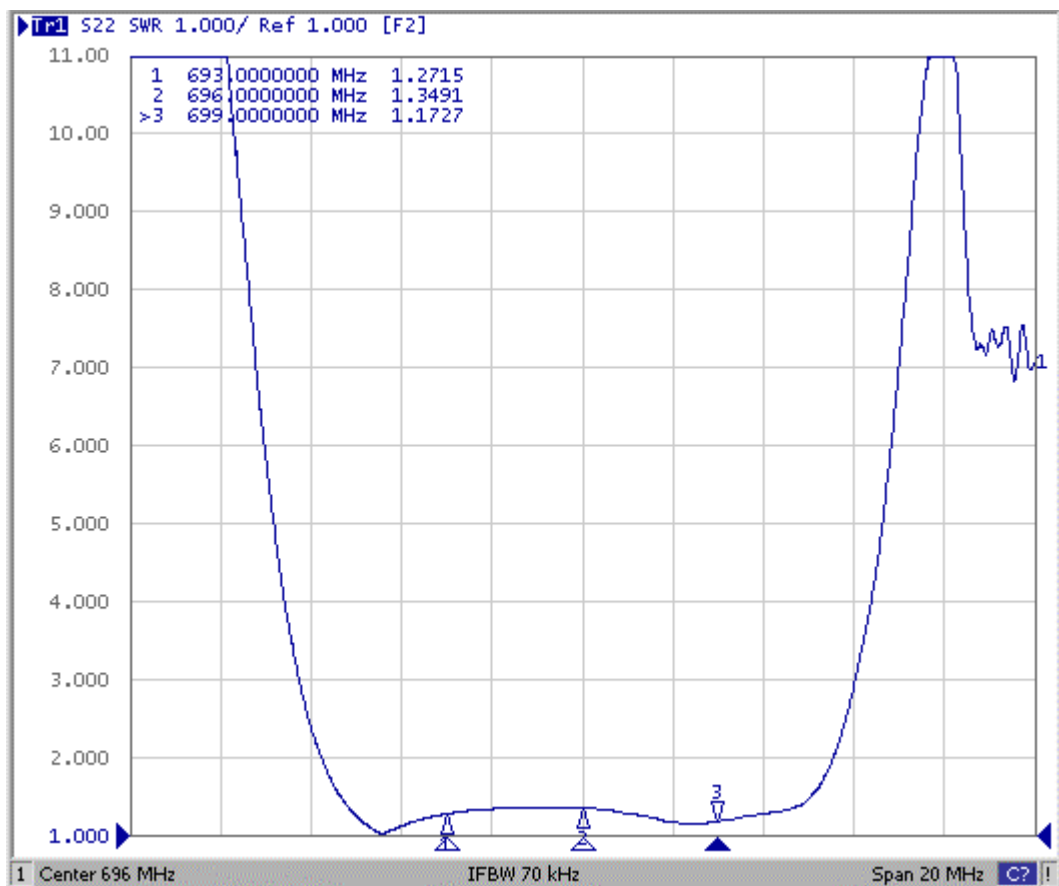
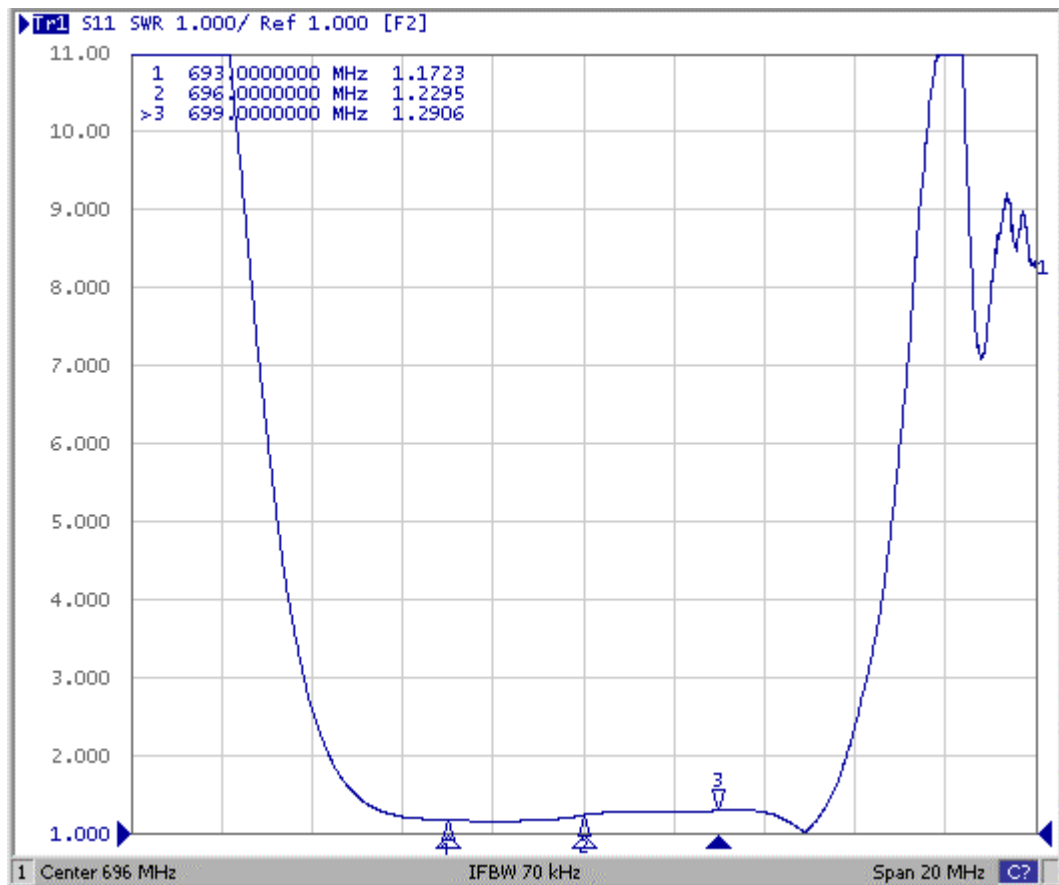
Year	2007	2008
	2009	2010
	2011	2012
Product Code	A	a

E. PCB Footprint:



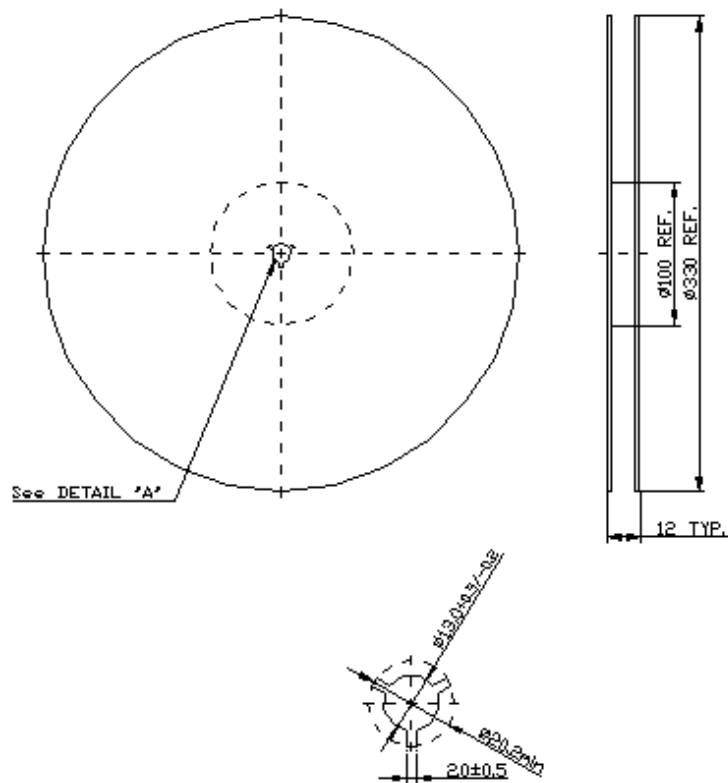
F. Frequency Characteristics :



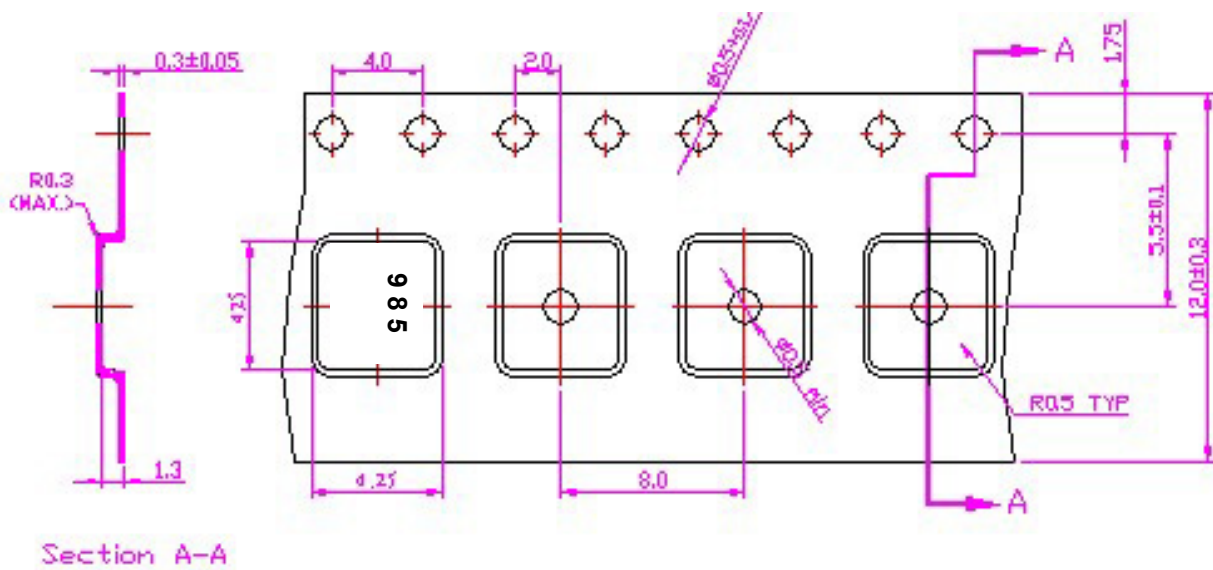


G. PACKING:

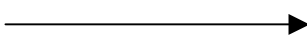
1. REEL DIMENSION



2. TAPE DIMENSION



Direction of Feed



H. RECOMMENDED REFLOW PROFILE :

