



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 864MHz SMD 3.8×3.8mm

TST Parts No.: TA0735A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Asin Lin

Approval by: _____ Francis Chen

Date: _____ 2007/08/17



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SAW Filter 864 MHz

MODEL NO.: TA0735A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 5 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -10°C to +60°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

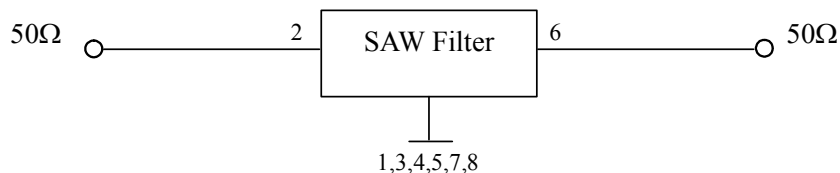
B. CHARACTERISTICS:

Item			Min.	Typical	Max.
Center frequency	F _c	MH	-	864	-
Insertion loss	863 ~ 865 MHz	IL	-	2.4	4.2
Amplitude ripple	863 ~ 865 MHz		-	0.3	1.3
Attenuation (Reference level from 0 dB)					
820 ~ 823	MHz	dB	38	44	-
841~ 844	MHz	dB	35	42	-
905 ~ 908	MHz	dB	40	47	-
Temperature coefficient of frequency		ppm/k	-	-36	-
Source impedance	Z _s	Ω	-	50	-
Load impedance	Z _L	Ω	-	50	-

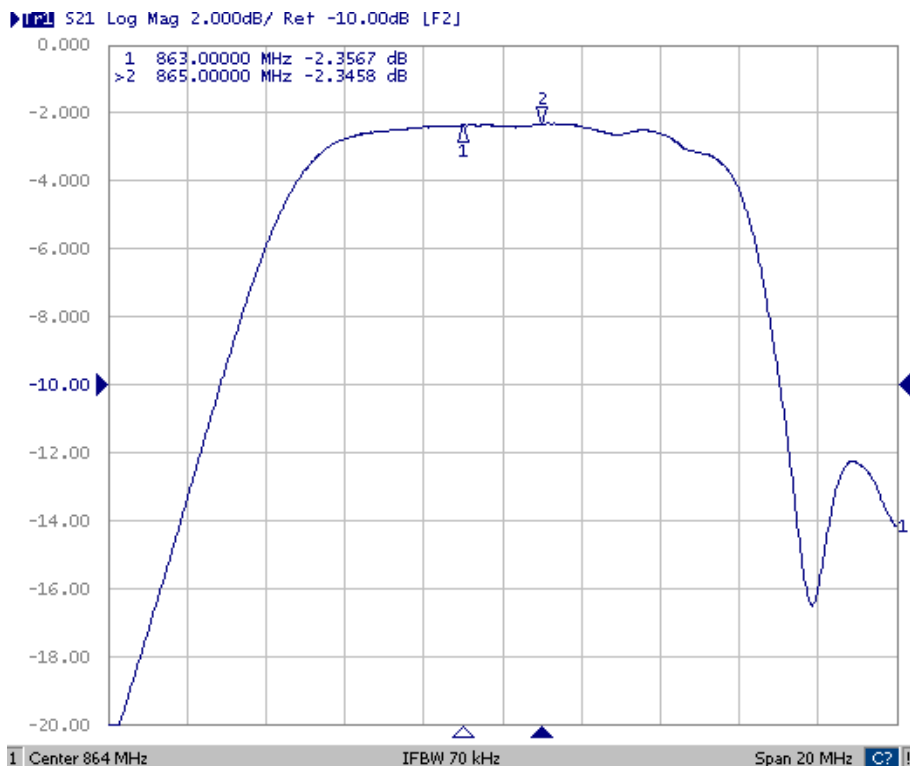
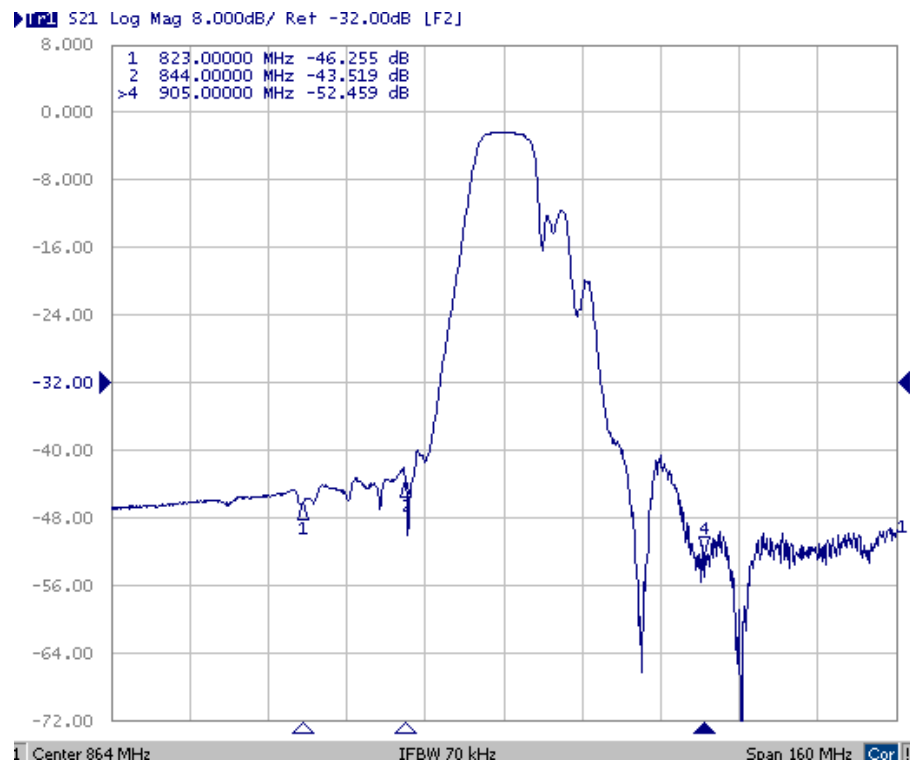
Note1. No matching network required for operation at 50Ω

C. MEASUREMENT CIRCUIT:

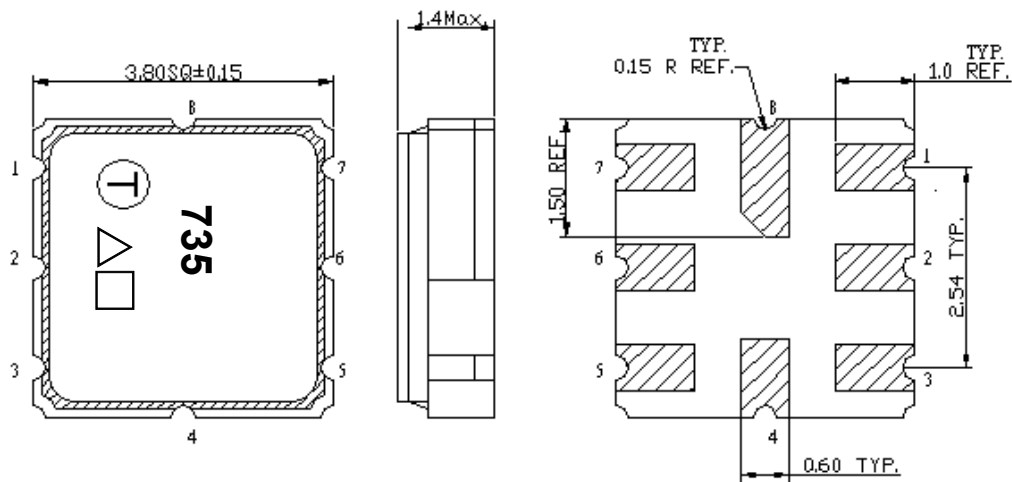
HP Network analyzer



D. TRANSFER FUNCTION :



E.OUTLINE DRAWING:



2 : Input

6: Output

1,3,4,5,7,8 Ground

△:Year Code

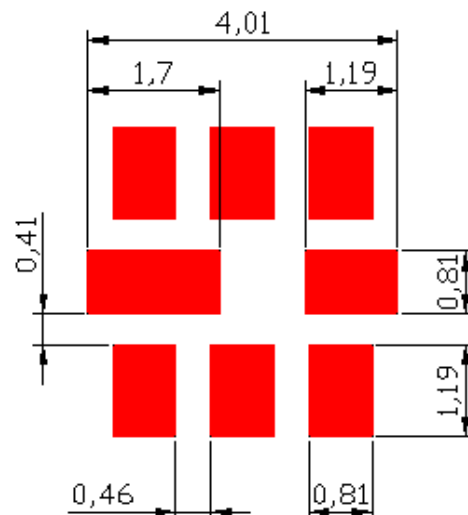
□: Date Code(Follow the table provided by planner each year.)

Unit: mm

△ Product Year Code

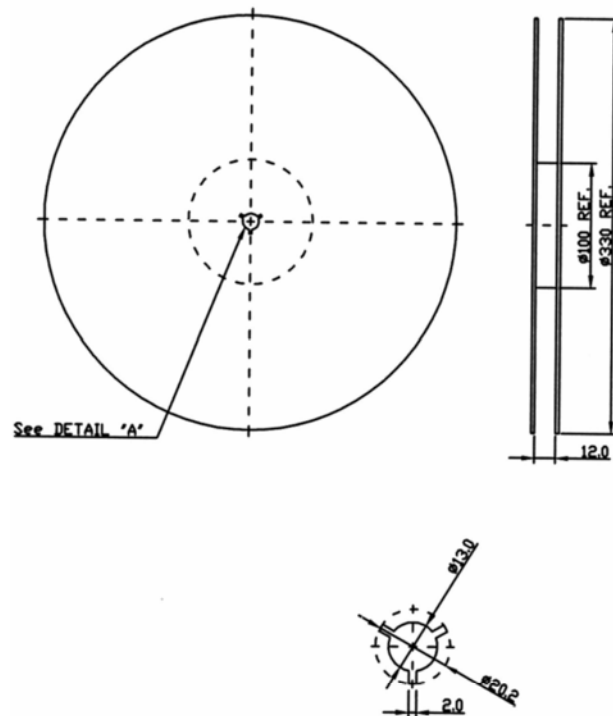
Year	2005 2007 2009	2006 2008 2010
Product Code	A	a

F.PCB FOOTPRINT:

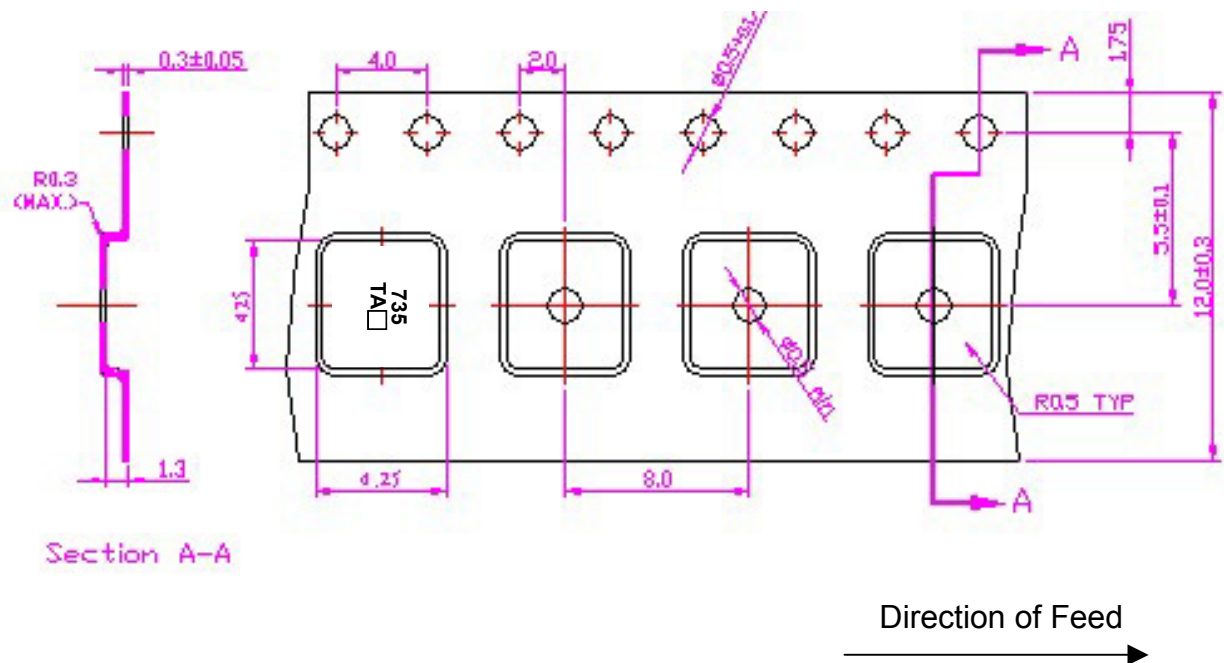


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. REFLOW PROFILE

