



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: ttsales@mail.taisaw.com Web: www.taisaw.com

Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 372.5 MHz SMD 5X5 mm

TST Parts No.: TA0590A

Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Asin Lin

Approval by: _____ Francis Chen

Date: _____ 2006/8/01



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

SAW Filter 372.5 MHz

MODEL NO.: TA0590A

REV. NO.: 1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 0 V
3. Operating Temperature: -45°C to +120°C
4. Storage Temperature: -45°C to +120°C

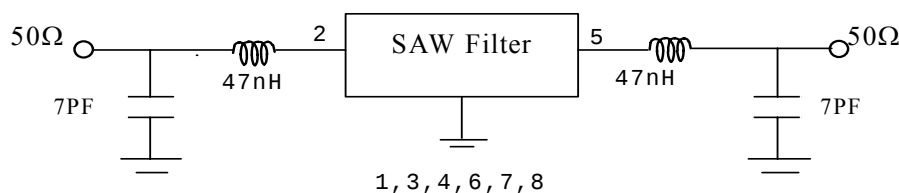
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

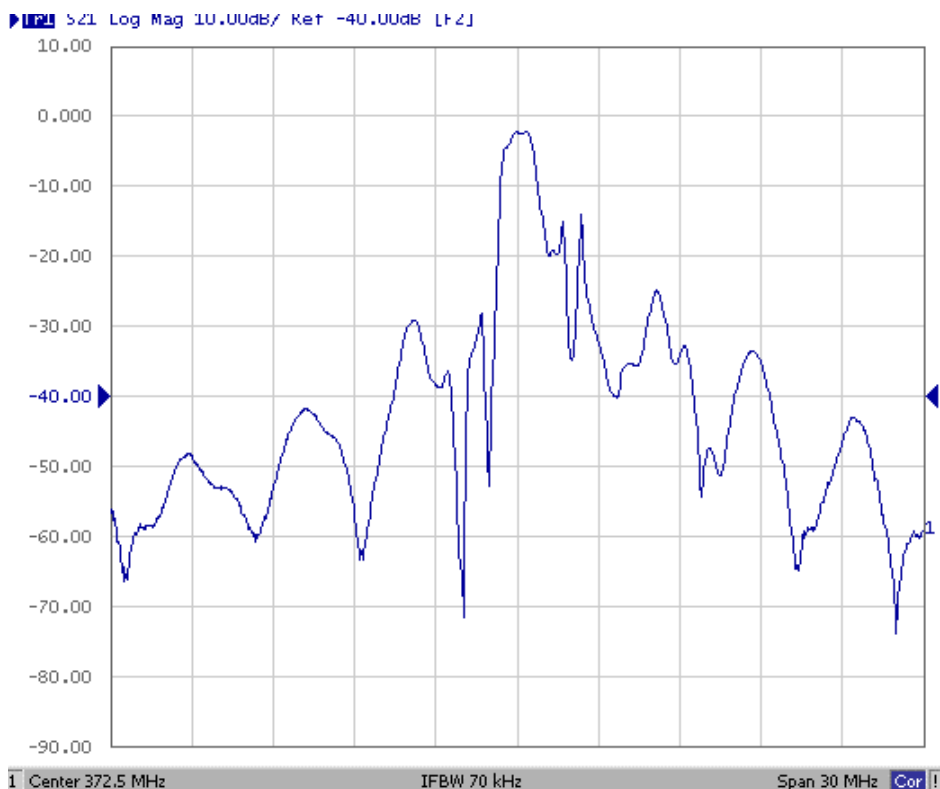
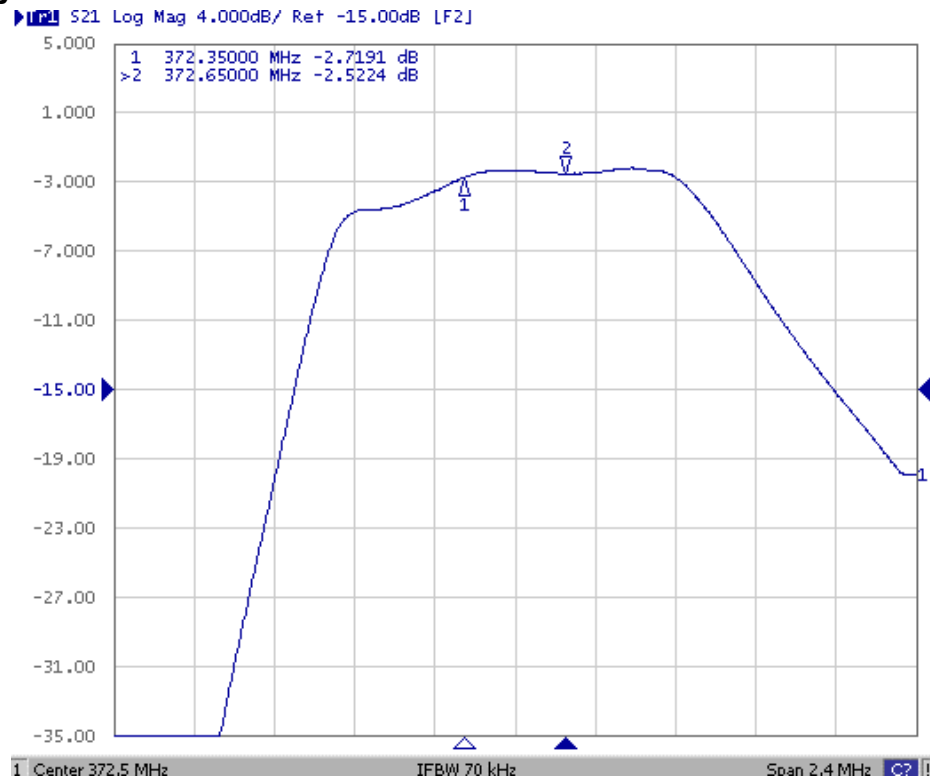
Item	Min.	Typ.	Max.	Note
Center frequency F_c (MHz)	-	372.5	-	1
Minimum I.L. (372.35~372.65 MHz) (dB) IL_{min}	-	2.5	4.0	
Pass band (relative to IL_{min})				
372.34~372.66 MHz (dB)	-	1.0	2.0	1
372.32~372.68 MHz (dB)	-	-	3.0	
Pass bandwidth (relative to IL_{min}) BW_3 (KHz)	670	1050	-	
Attenuation:(relative to IL_{min}) (dB)				
10.0~327.0 MHz (dB)	45	51	-	1
327.0~350.0 MHz (dB)	40	48	-	
350.0~369.0 MHz (dB)	15	25	-	
375.0~394.0 MHz (dB)	8	12	-	
394.0~460.0 MHz (dB)	35	45	-	
460.0~1000 MHz (dB)	45	53	-	
Turnover To (deg.C)	25 typ.			

C. MEASUREMENT CIRCUIT:

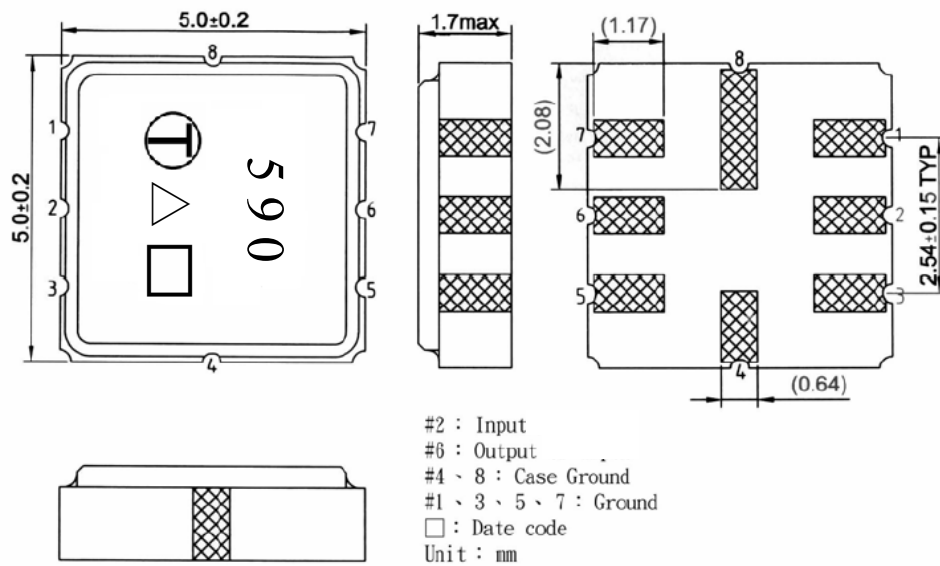
HP Network analyzer



D. Frequency Characteristics :



E.OUTLINE DRAWING:

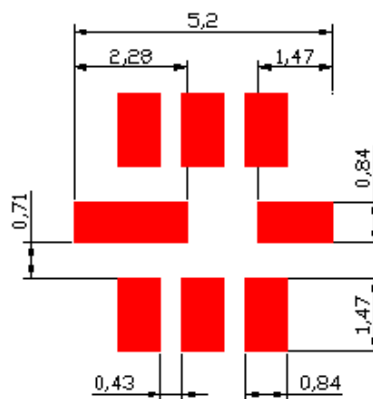


□ Date code: Provided by planer each year

△ Product Year Code

Year	2005 2009	2006 2010	2007 2011	2008 2012
Product Code	A	a	<u>A</u>	<u>a</u>

F.PCB FOOTPRINT:

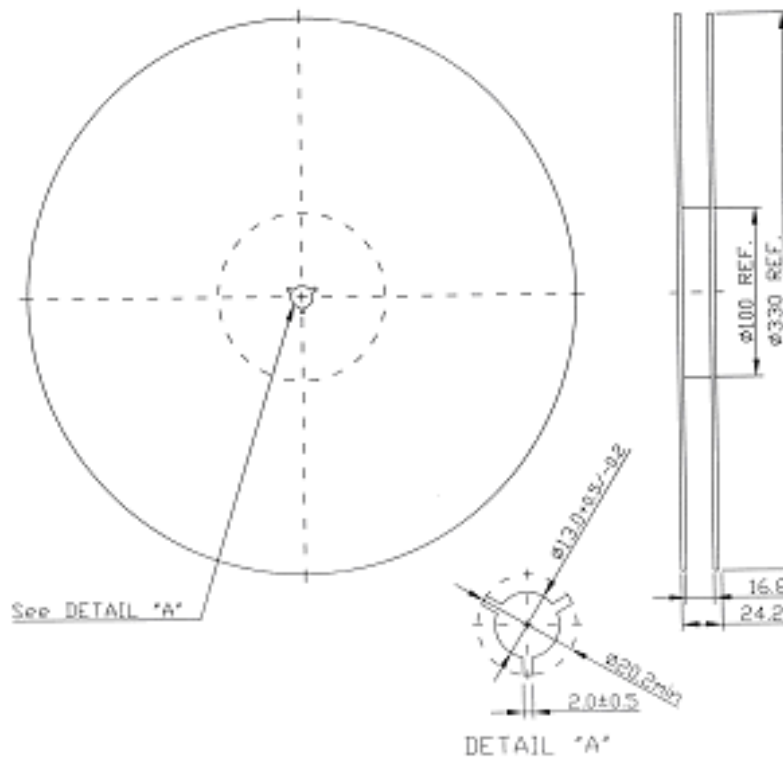


G. PACKING:

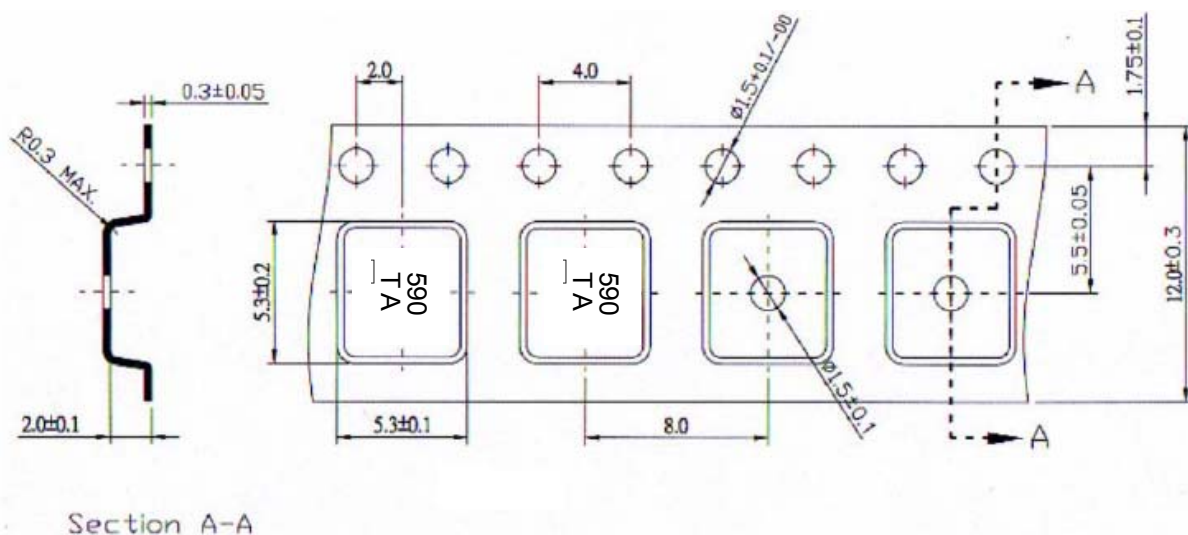
1. REEL DIMENSION

7"=1000

13"=3000

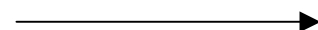


2. TAPE DIMENSION



Section A-A

Direction of Feed



H.RECOMMENDED REFLOW PROFILE:

