



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

Product Specifications Approval Sheet

Product Description: SAW Filter 674 MHz SMD 5.0x5.0 mm (BW=48 MHz)

TST Part No.: TA1302A

Customer Part No.: _____

Customer signature required
Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ David Chang 張閔智

Approved by: _____ Francis Chen 1052

Date: _____ 2011/01/27

1. Customer signed back is required before TST can proceed with sample build and receive orders.
2. Orders received without customer signed back will be regarded as agreement on the specifications.
3. Any specifications changes must be approved upon by both parties and a new revision of specifications shall be released to reflect the changes.



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SAW Filter 674 MHz

MODEL NO.:TA1302A

REV. NO.:1

A. MAXIMUM RATING:

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

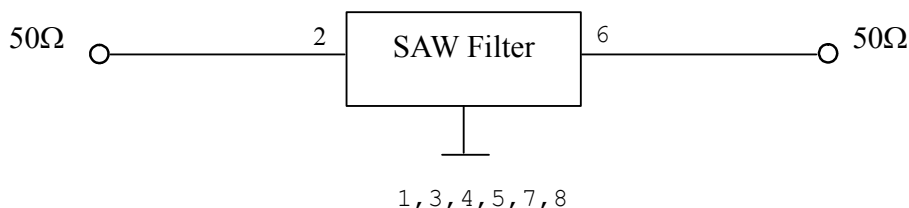
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

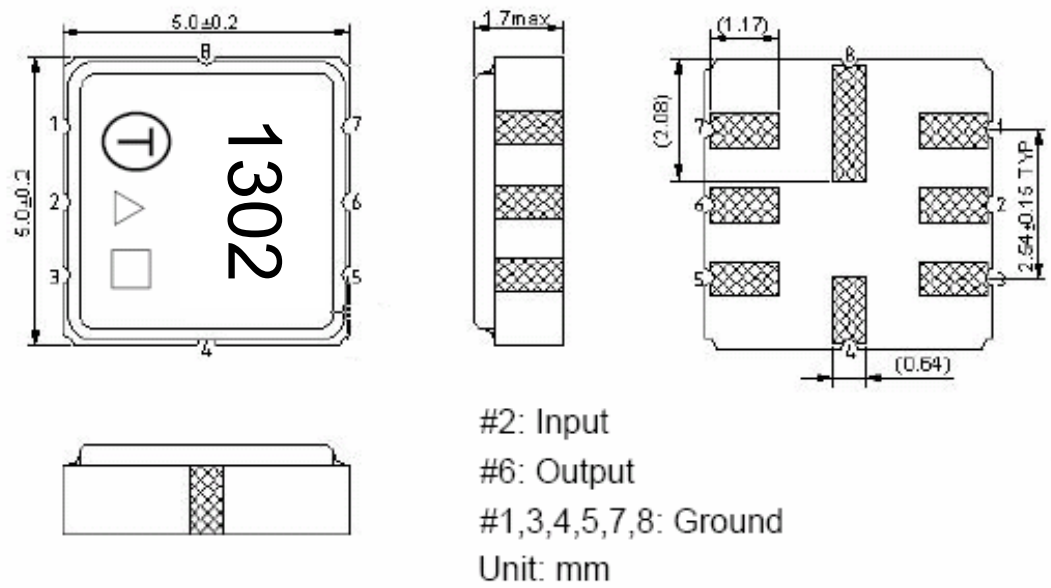
Item	Unit	Min.	Typ.	Max.
Center frequency F_c	MHz	-	674	-
Insertion Loss (650~698 MHz) IL	dB	-	3.8	4.6
Amplitude Ripple (650~698 MHz)	dB	-	1.4	2.4
Group Delay Variation (650~698 MHz)	ns	-	35	70
Attenuation (Reference level from 0 dB)				
0.3 ~ 572 MHz	dB	25	29	-
572 ~ 620 MHz	dB	28	31	-
800 ~ 1000 MHz	dB	25	30	-
1000 ~ 1500 MHz	dB	25	30	-
Temperature coefficient of frequency	ppm/k	-	-35	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



D.OUTLINE DRAWING:



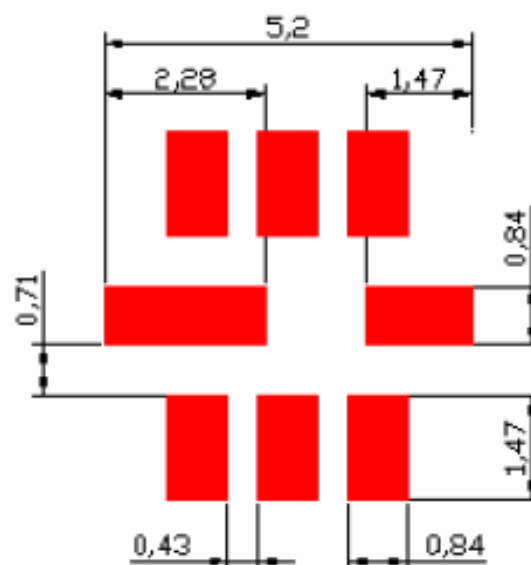
□ Data code : See the table

WK	01	02	...	26	27	28	...	52
Code	A	B	...	Z	a	b	...	z

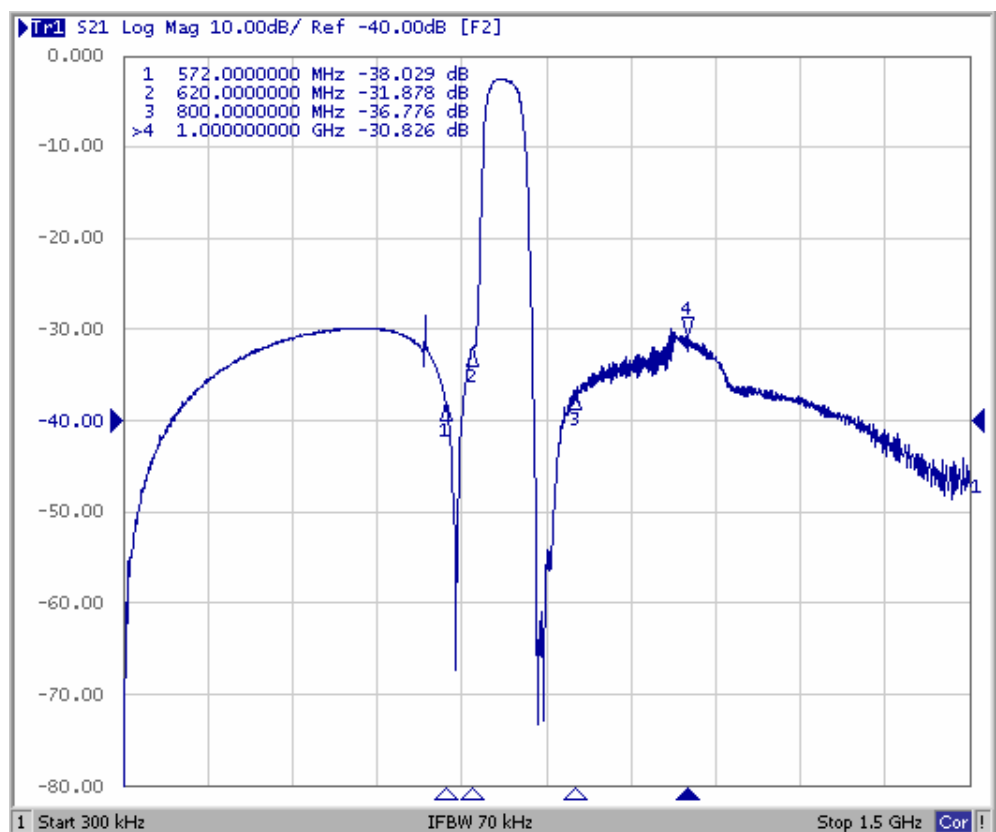
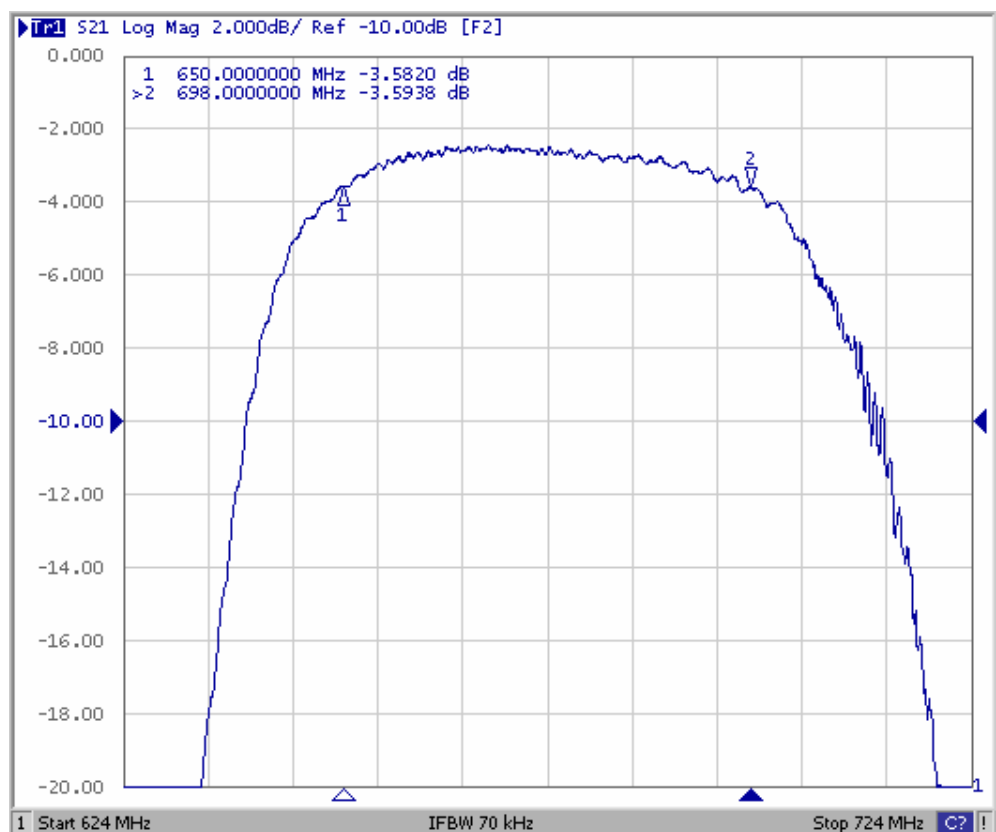
△ Year code : See the table

Year	2005	2006	2007	2008
	2009	2010	2011	2012
Code	A	a	A	a

E. PCB Footprint:



F. Frequency Characteristics:



1. REEL DIMENSION

Technical drawing of a circular plate. The main view shows a large circle with a central hole. The hole is defined by a dashed circle. A leader line points from the text "See DETAIL 'A'" to the central hole. To the right of the main view, a vertical dimension line indicates the thickness of the plate, labeled "12 TYP.". Below the main view, a detailed view of the central hole is shown. This detail view includes the following dimensions:

- Inner diameter: $\phi 13.0 \pm 0.3 / -0.2$
- Outer diameter: $\phi 20.2 \text{ min}$
- Radial thickness: 2.0 ± 0.5

[illegible]

H. RECOMMENDED REFLOW PROFILE :

