

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

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Product Specifications Approval Sheet

Product Description: SAW Filter 702 MHz SMD 3.0x3.0 mm

TST Part No.: TA1049A

Customer Part No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ David Chang 張閔智

Approved by: _____ Francis Chen 陳建中

Date: _____ 2009/11/05

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 702 MHz

MODEL NO.:TA1049A

REV. NO.:2

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

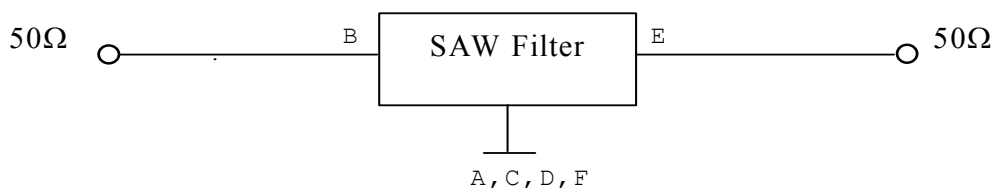
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

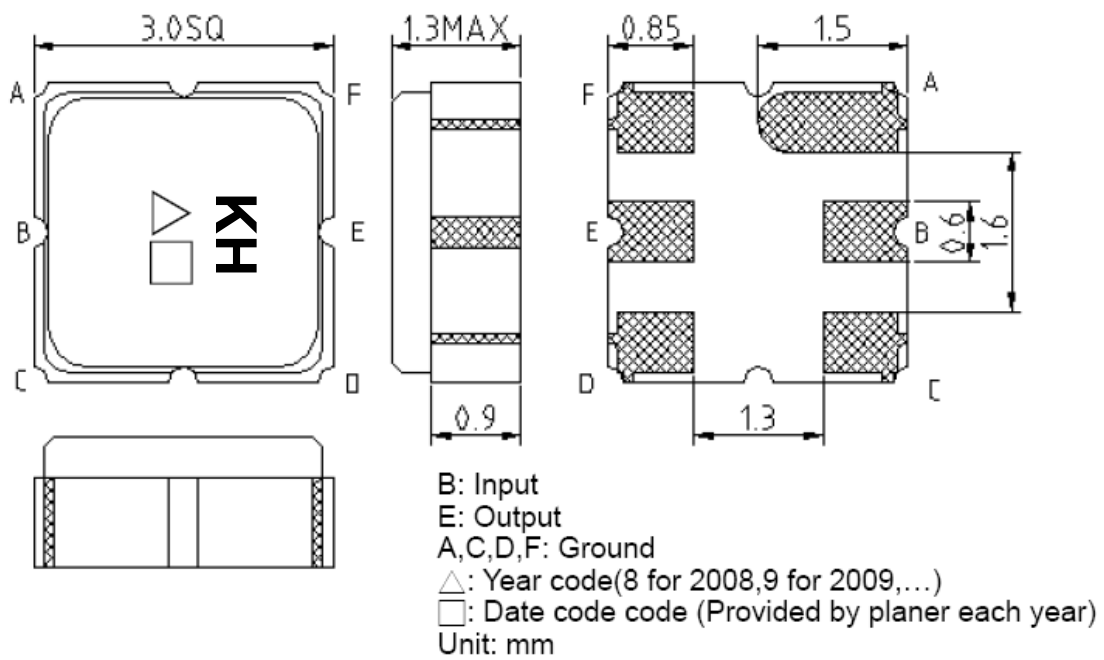
Item	Unit	Min.	Type.	Max.
Center Frequency Fc	MHz	-	702	-
Insertion Loss at Center Frequency ILc	dB	-	1.6	2.2
Insertion Loss (692 ~ 712 MHz)	dB	-	2.2	4
Amplitude Ripple (692 ~ 712 MHz)	dB	-	0.6	2
Bandwidth @ -2 dB	MHz	20	30	-
VSWR at Center Frequency	-	-	1.4	2
Attenuation (Reference level from 0 dB)				
DC ~ 608 MHz	dB	50	63	-
608 ~ 614 MHz	dB	30	65	-
790 ~ 796 MHz	dB	30	72	-
1310 ~ 1498 MHz	dB	40	55	-
2012 ~ 2200 MHz	dB	35	39	-

C. MEASUREMENT CIRCUIT:

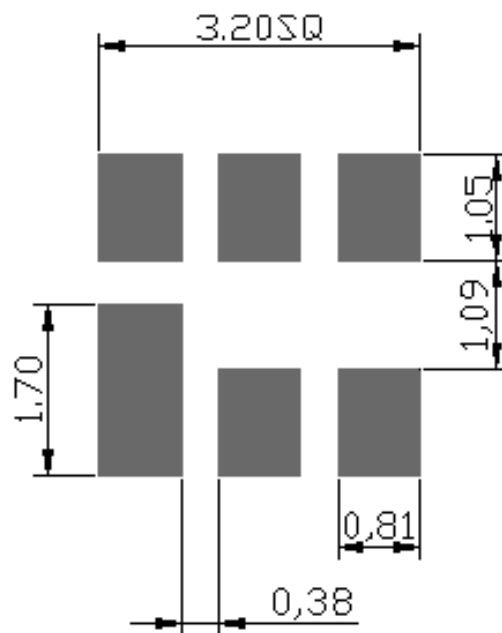
HP Network analyzer



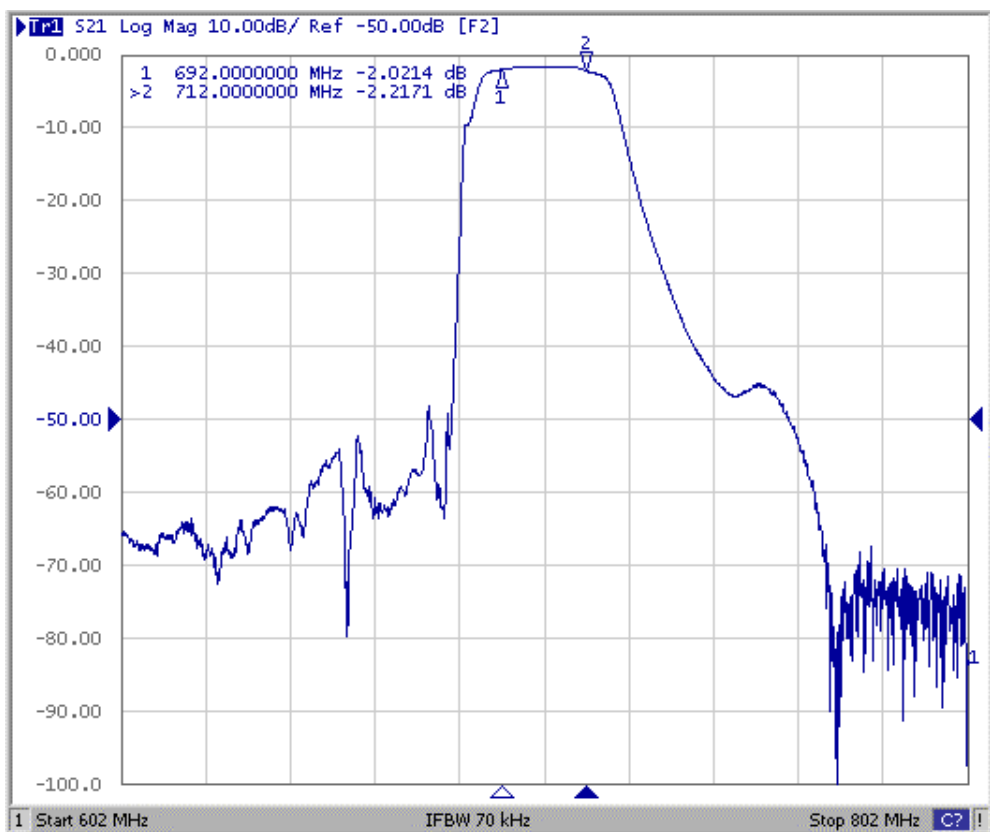
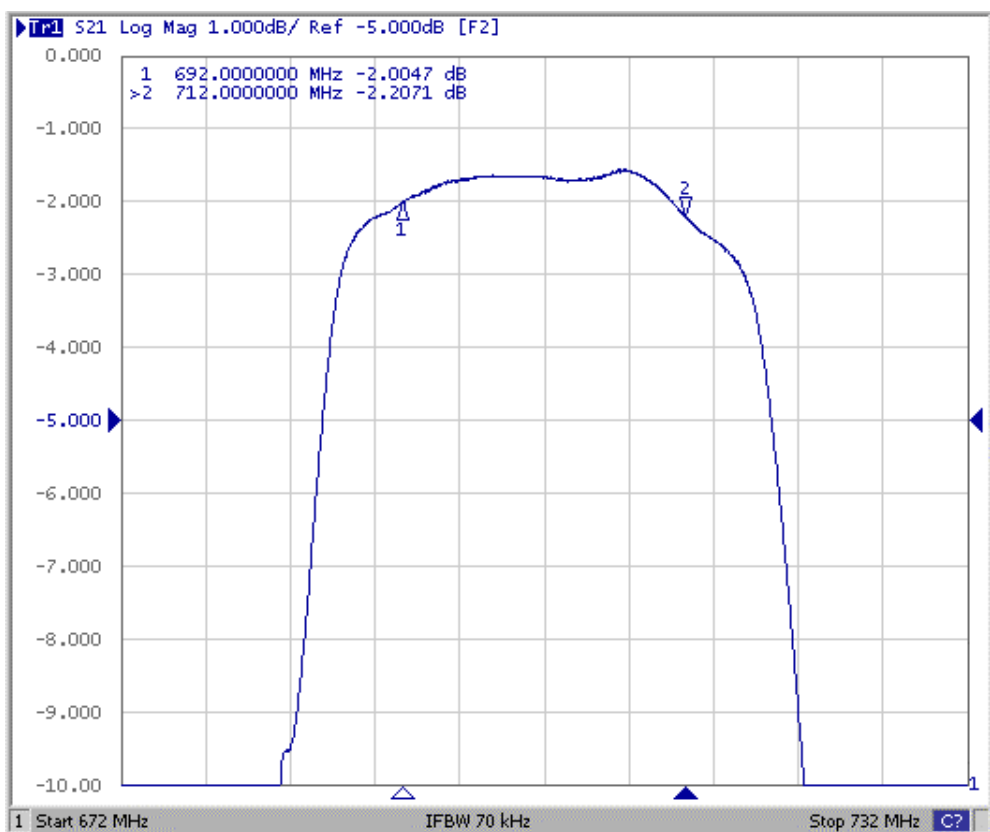
D.OUTLINE DRAWING:

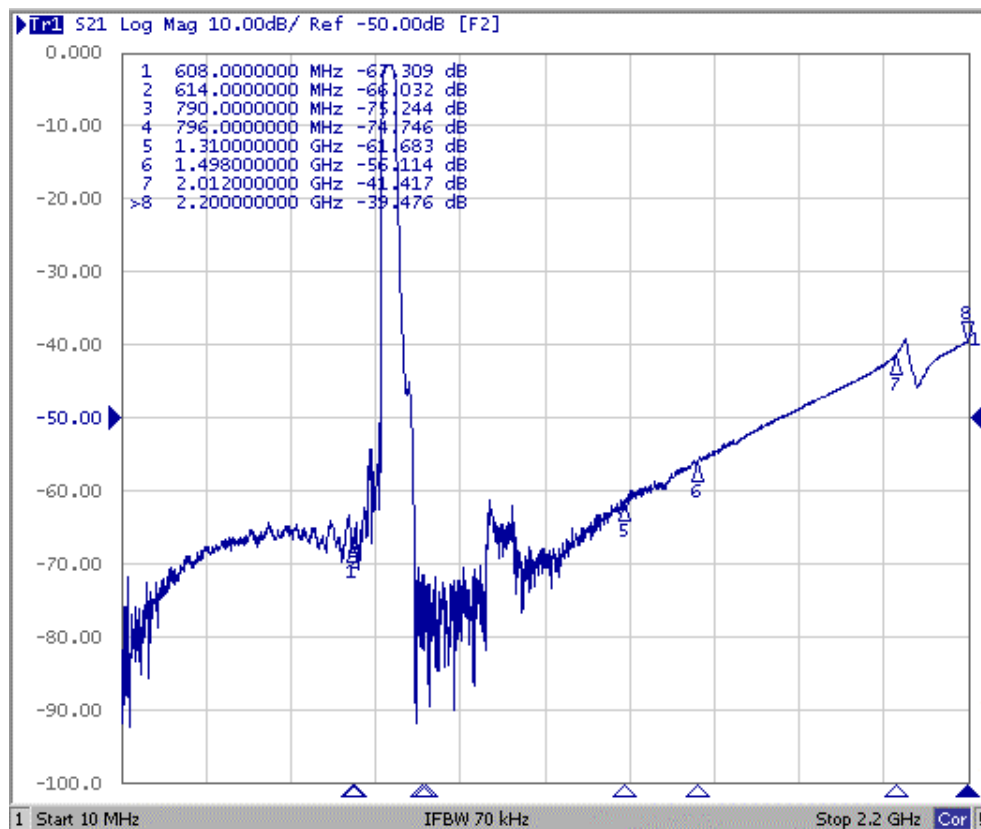


E. PCB Footprint:



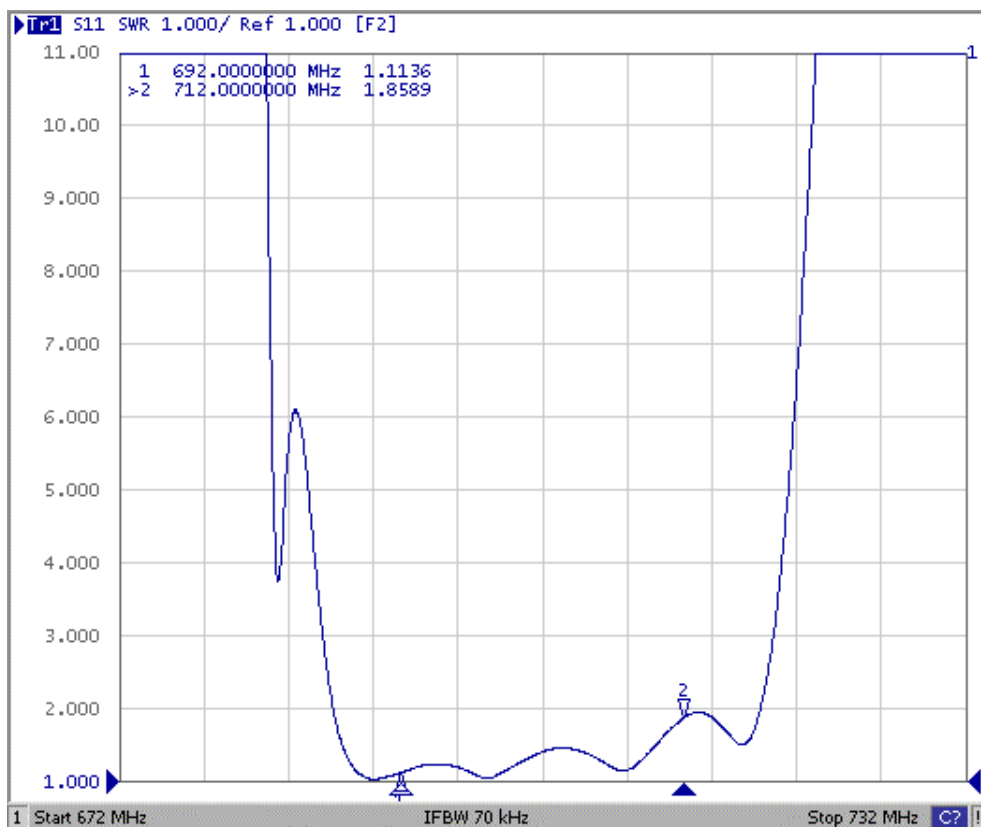
F. Frequency Characteristics :



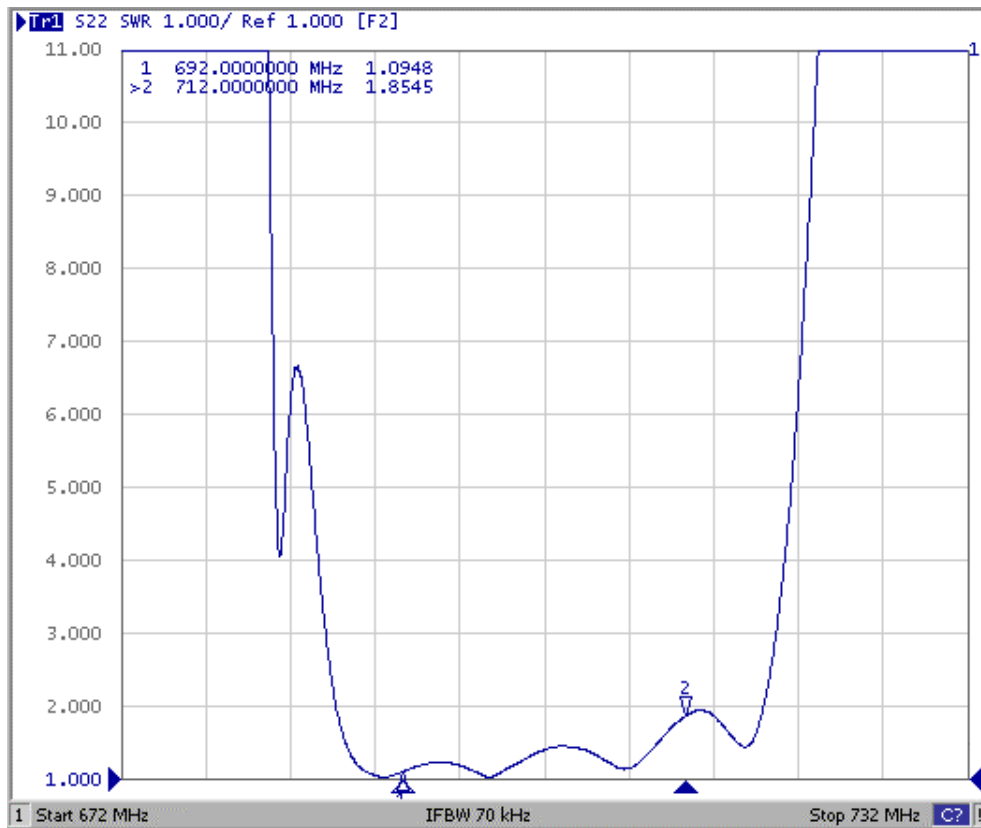


Reflection Functions :

S11

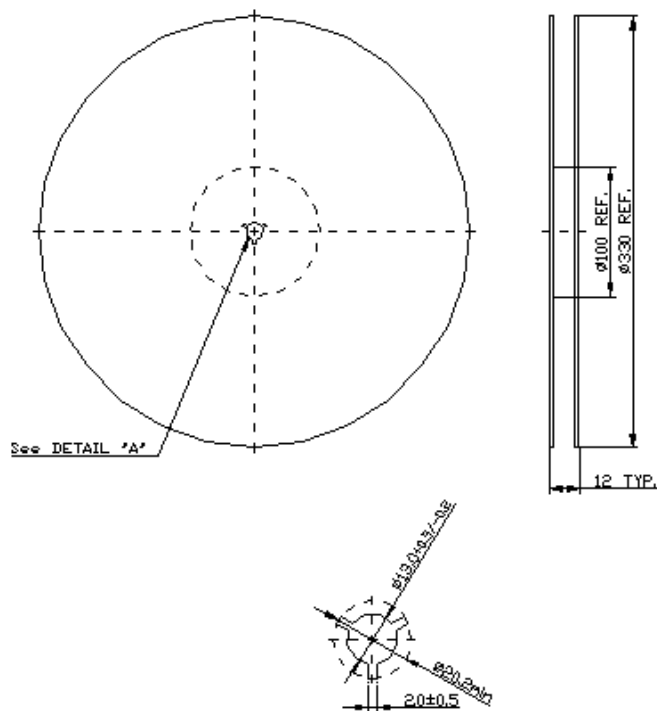


S22

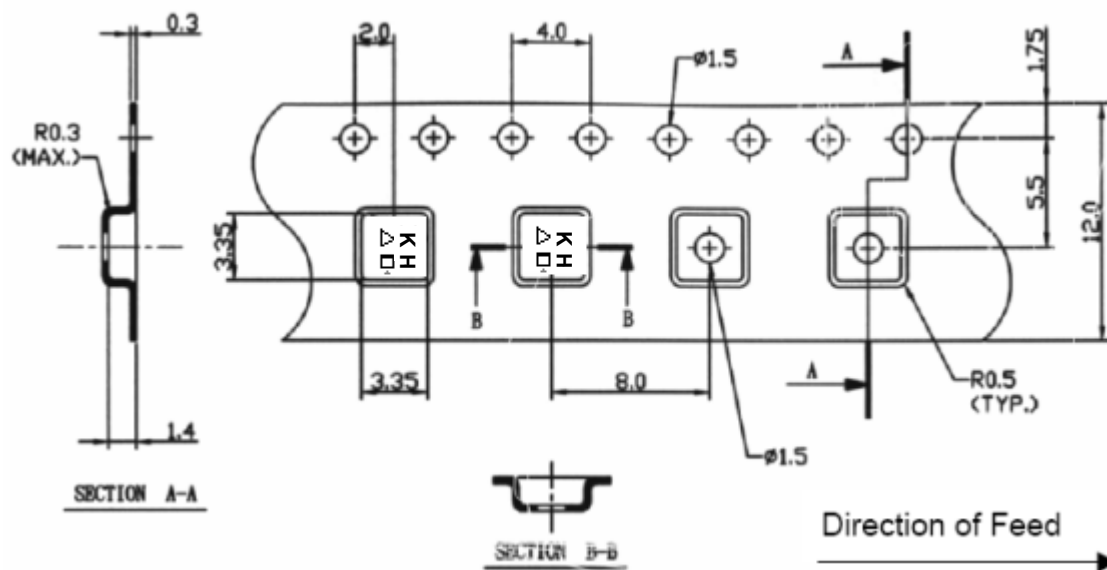


G. PACKING:

1. REEL DIMENSION



3. TAPE DIMENSION



H.RECOMMENDED REFLOW PROFILE:

