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 2017.5 MHz SMD 3.0X3.0 mm

TST Part No.: TA1238A

Customer Part No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Bob Chau _____

Approved by:_____ Francis Chen _____

Date:_____ 3, 8, 2011 _____

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 2017.5 MHz

MODEL NO.:TA1238A REV. NO.:1

A. MAXIMUM RATING:

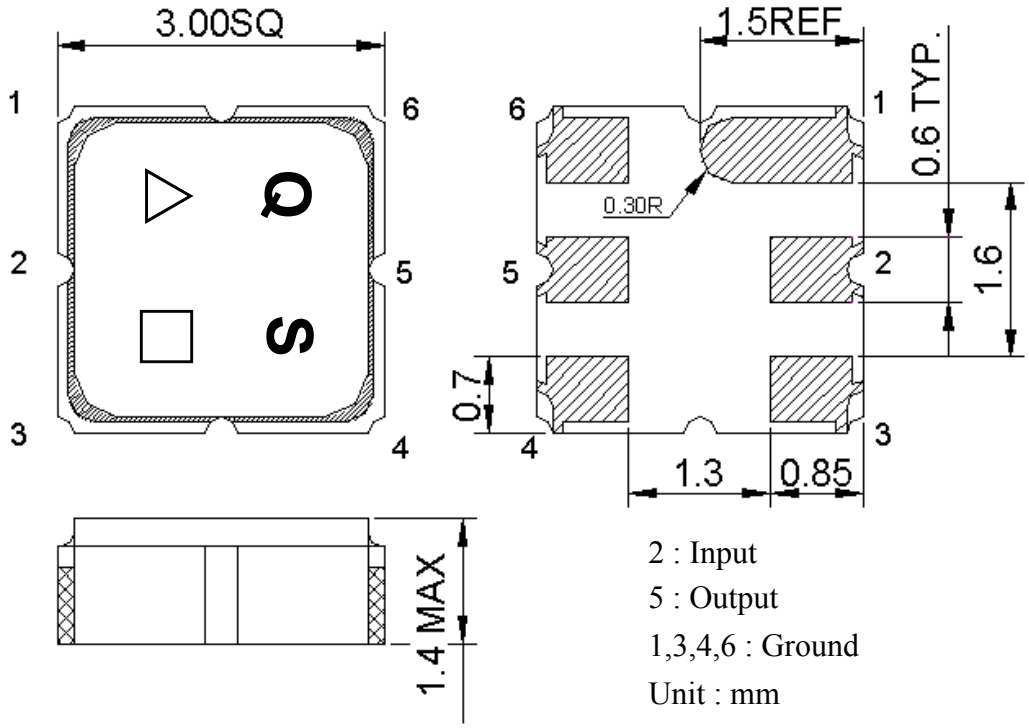
1. Input Power Level: +10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -40°C to +85°C
4. Storage Temperature: -40°C to +95°C

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency **Fc**	MHz	-	2017.5	-	-
Insertion Loss (2010~2025 MHz) **IL**	dB	-	3.1	4.2	-
Amplitude Ripple (2010~2025 MHz)	dB	-	0.4	1.4	-
Group Delay Ripple (2010~2025 MHz)	ns	-	9	30	-
VSWR (2010~2025 MHz)		-	1.3	2.5	-
Attenuation (Reference level from 0 dB)					
1700 ~ 1785 MHz	dB	40	50	-	-
1800 ~ 1860 MHz	dB	45	51	-	-
1920 ~ 1980 MHz	dB	30	37	-	-
2045 ~ 2070 MHz	dB	6	33	-	-
2070 ~ 2085 MHz	dB	15	54	-	-
2170 ~ 4000 MHz	dB	30	33	-	-

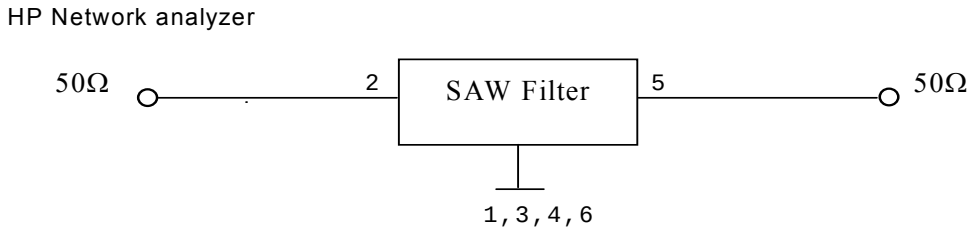
C.OUTLINE DRAWING:



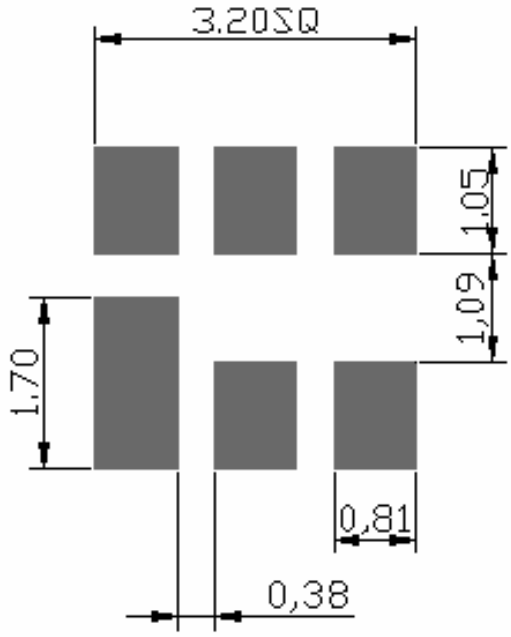
2 : Input
5 : Output
1,3,4,6 : Ground
Unit : mm

△ : Year Code (2009->9, 2010->0,…, 2018->8)
□ : Date Code (W01->A,W02->B,…W27->a,…,W52->z)

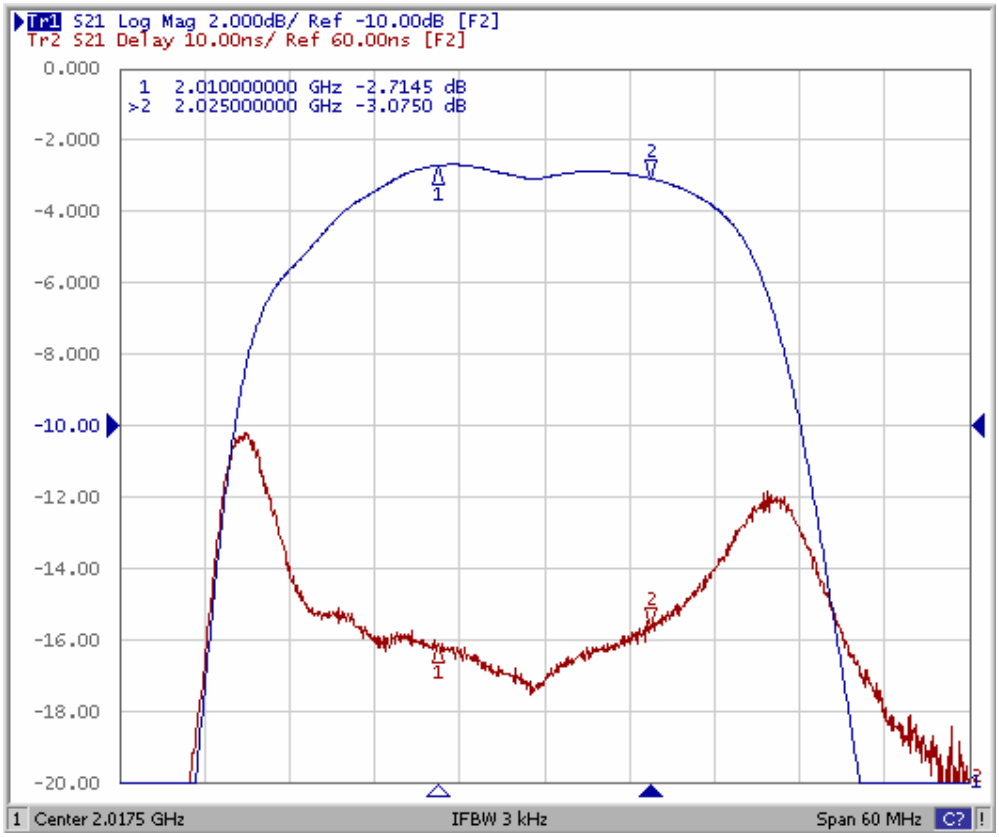
D. MEASUREMENT CIRCUIT:

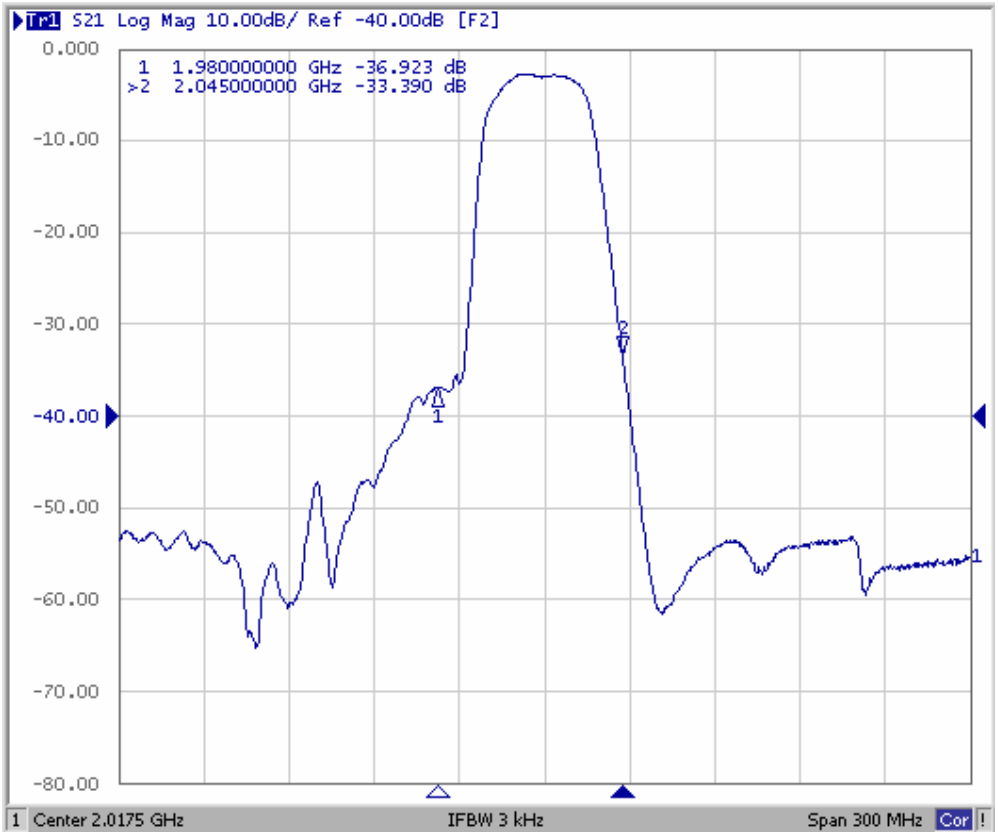


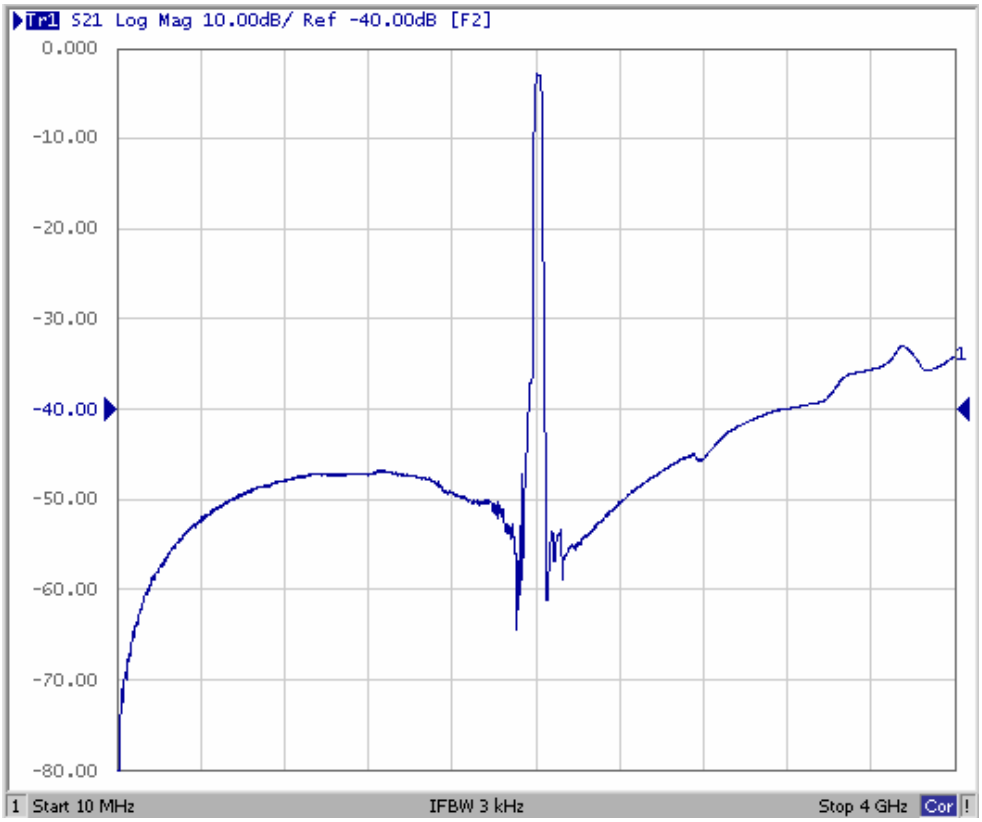
E. PCB Footprint:



F. Frequency Characteristics :

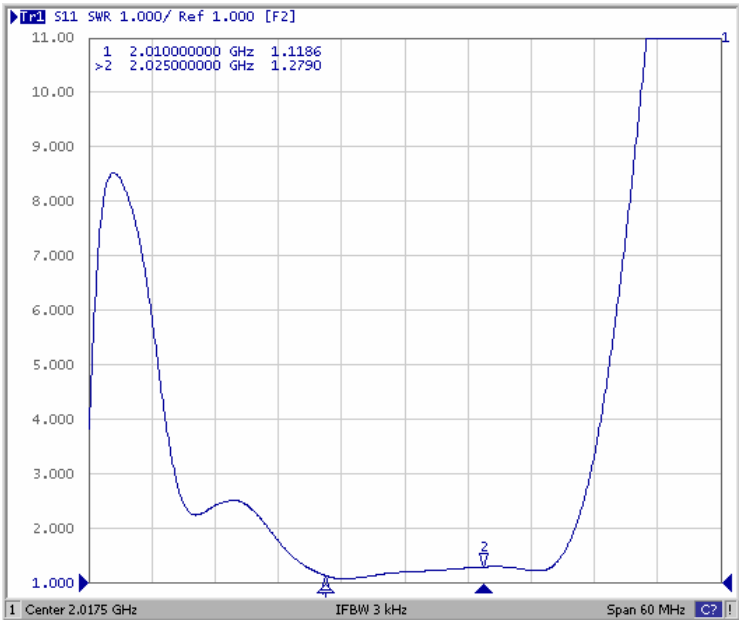


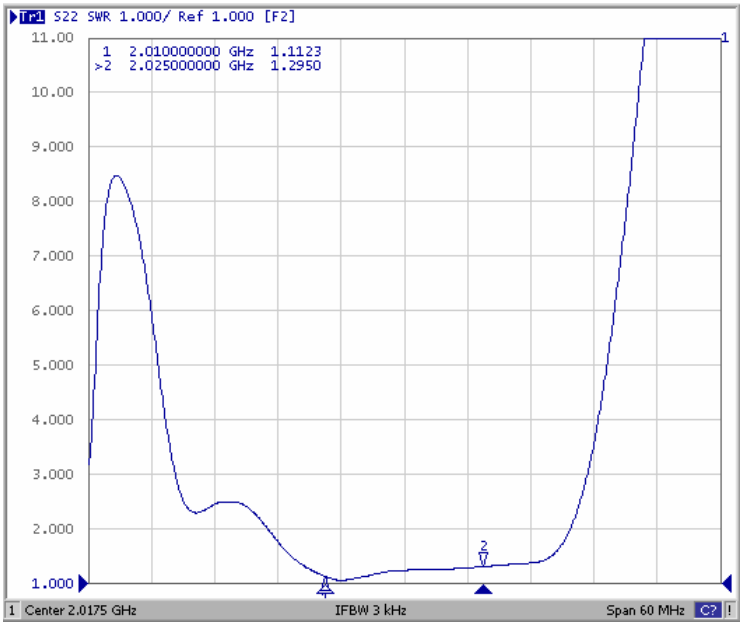




Reflection Functions :

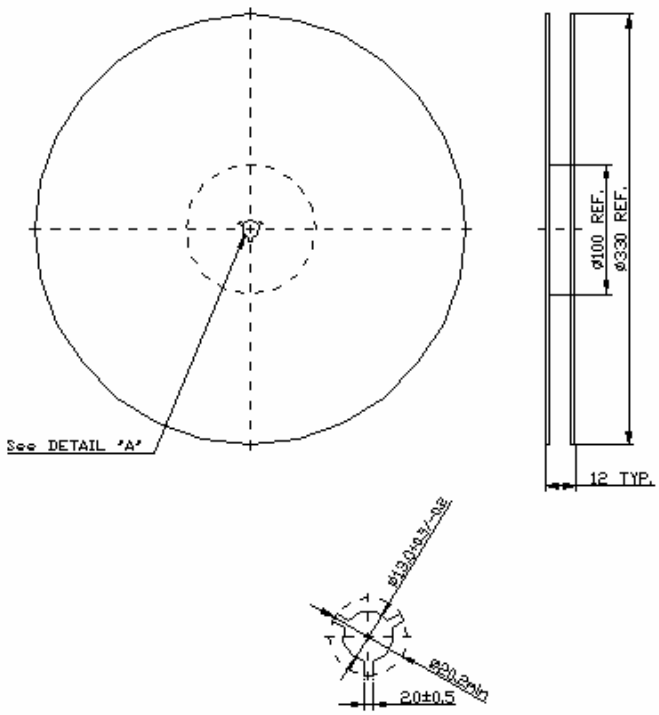
S11 **S22**



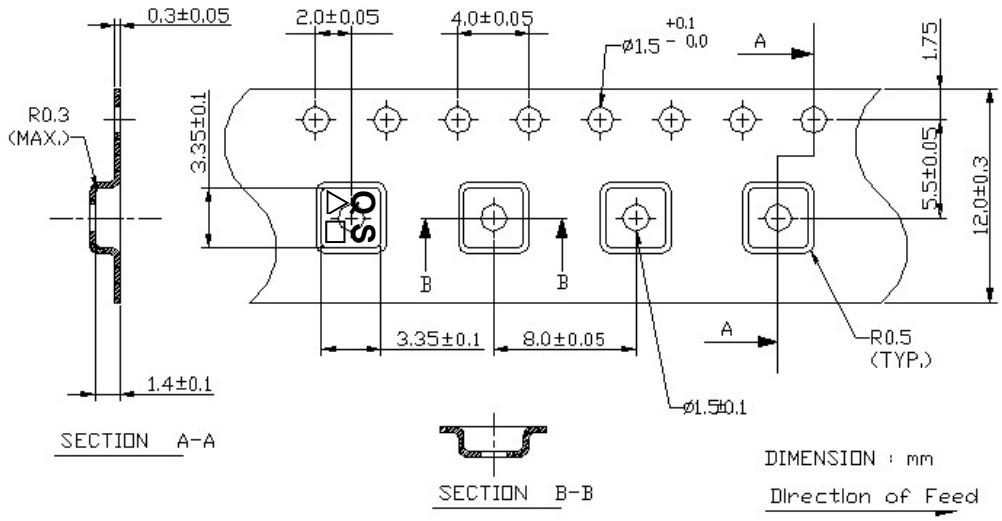


G. PACKING:

1. REEL DIMENSION



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :