

TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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Product Specifications Approval Sheet

Product Description: SAW Filter 2580 MHz SMD 3.0X3.0 mm

TST Part No.: TA1235A

Customer Part No.: _____

Customer signature required

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau 

Approved by: _____ Francis Chen 

Date: _____ 3, 30, 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 2580 MHz

MODEL NO.:TA1235A

REV. NO.:1

A. MAXIMUM RATING:

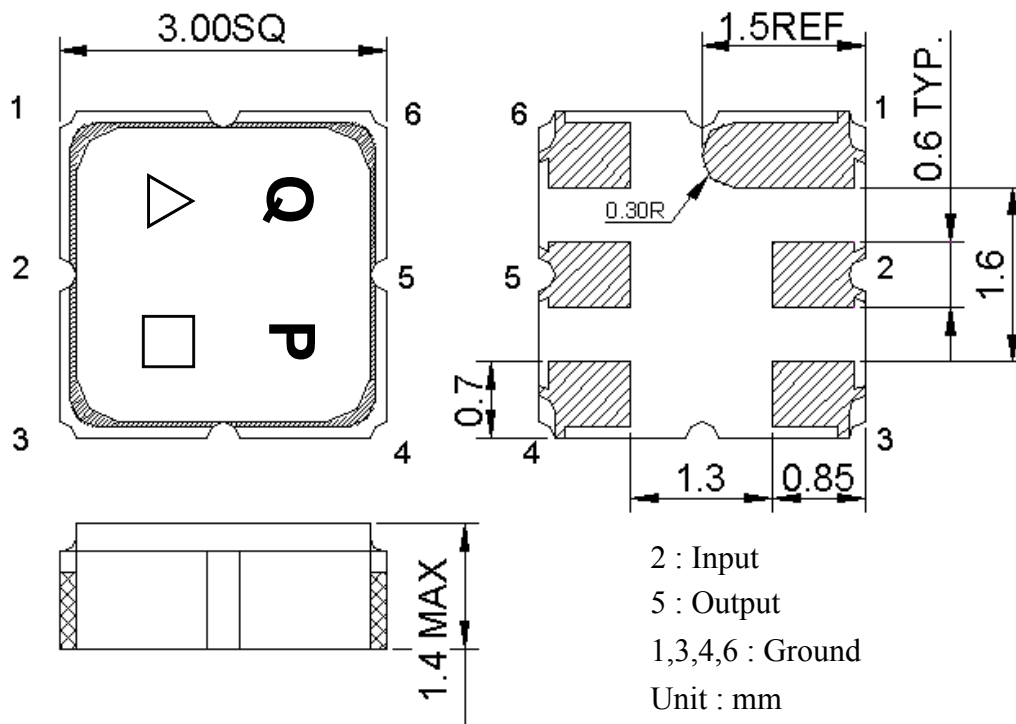
1. Input Power Level: +10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +95°C

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	2580	-	-
Insertion Loss (2530~2630 MHz) IL	dB	-	2.7	4	-
Amplitude Ripple (2530~2630 MHz)	dB	-	1.35	2.5	-
VSWR (2530~2630 MHz)		-	2.1	2.5	-
Attenuation (Reference level from 0 dB)					
DC ~ 1880 MHz	dB	25	28	-	-
1880 ~ 2450 MHz	dB	27	29	-	-
2450 ~ 2470 MHz	dB	35	39	-	-
2470 ~ 2500 MHz	dB	10	18	-	-
2665 ~ 2690 MHz	dB	10	16	-	-
2690 ~ 2710 MHz	dB	38	58	-	-
2710 ~ 4000 MHz	dB	30	34	-	-
Temperature coefficient of frequency TCf		-36 ppm/K			-

C.OUTLINE DRAWING:

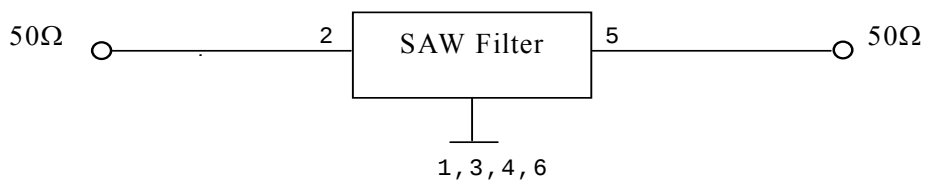


△ : Year Code (2009->9, 2010->0,..., 2018->8)

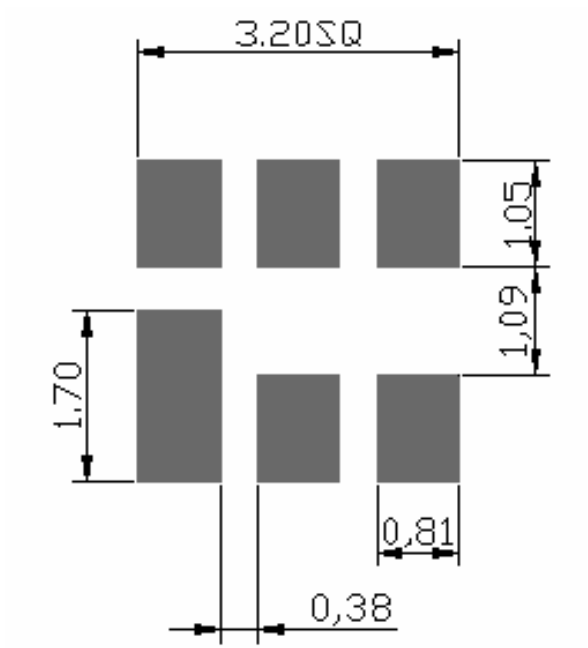
□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

D. MEASUREMENT CIRCUIT:

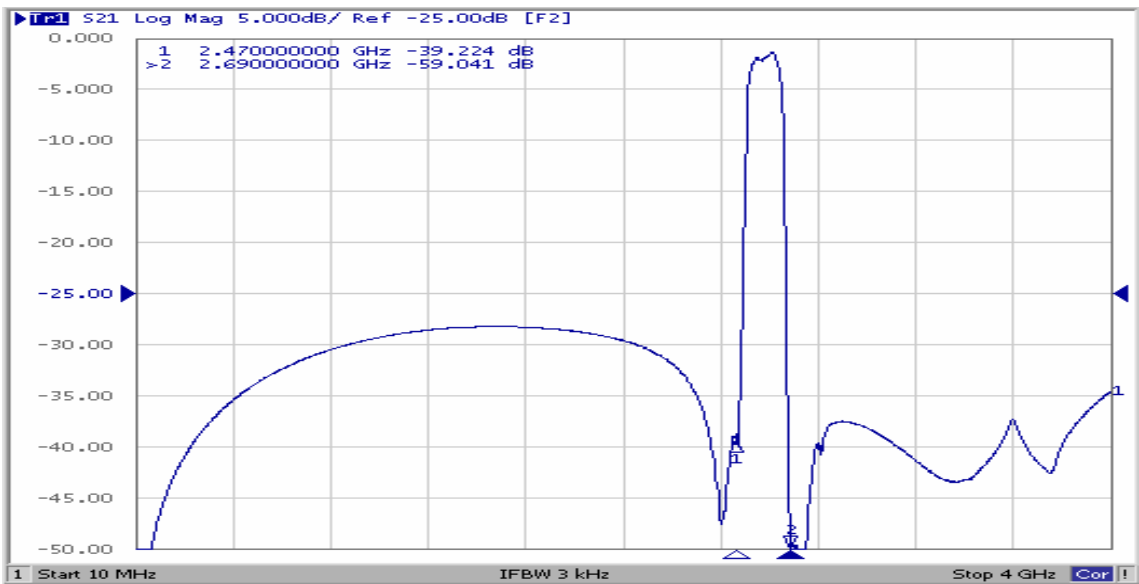
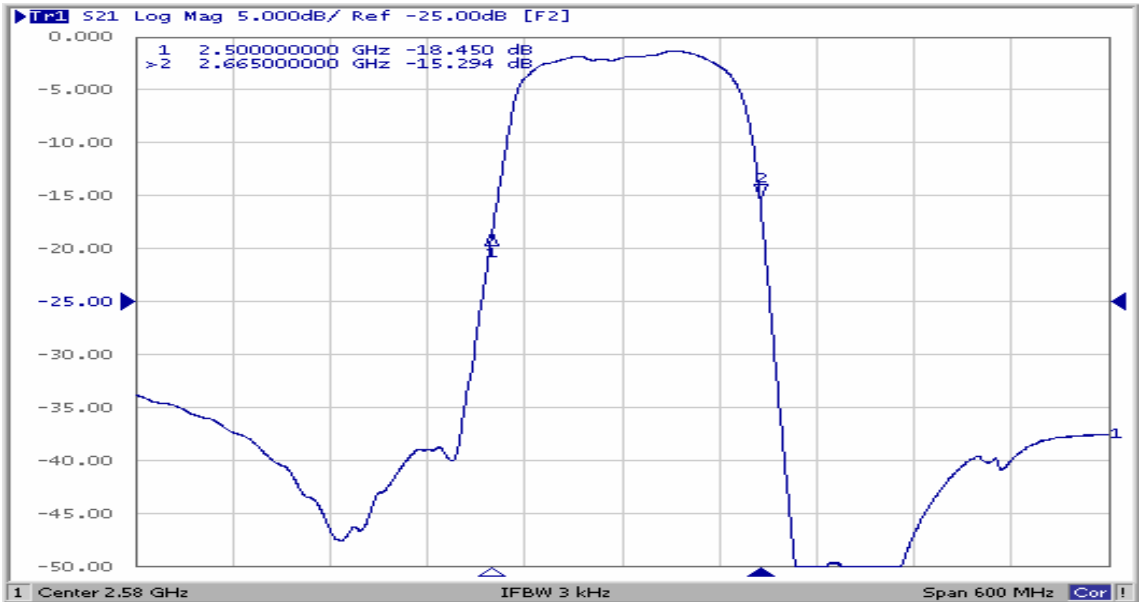
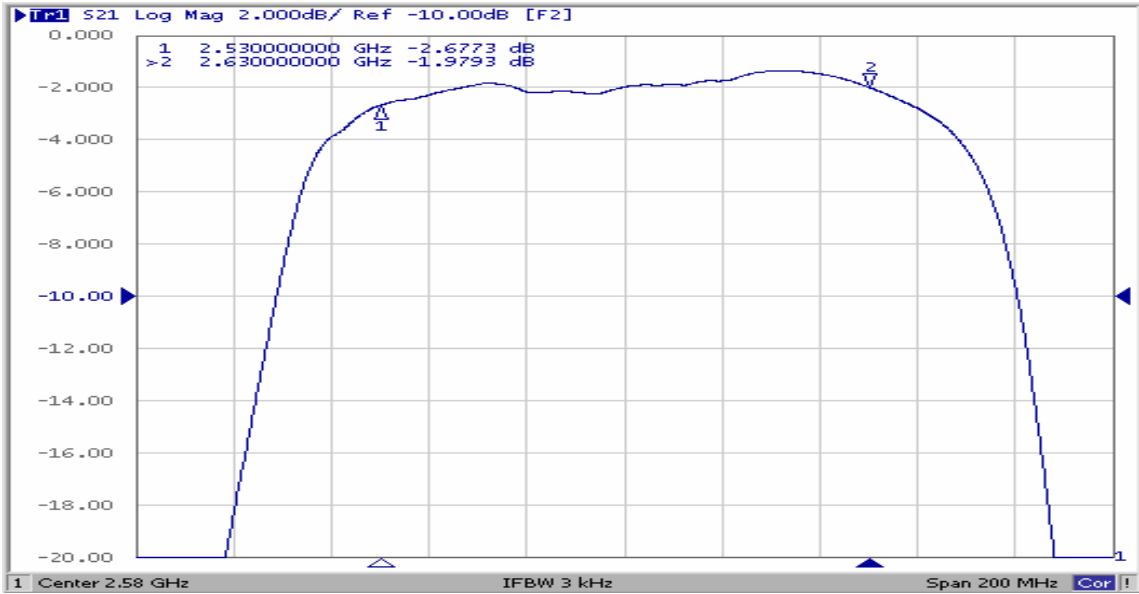
HP Network analyzer



E. PCB Footprint:

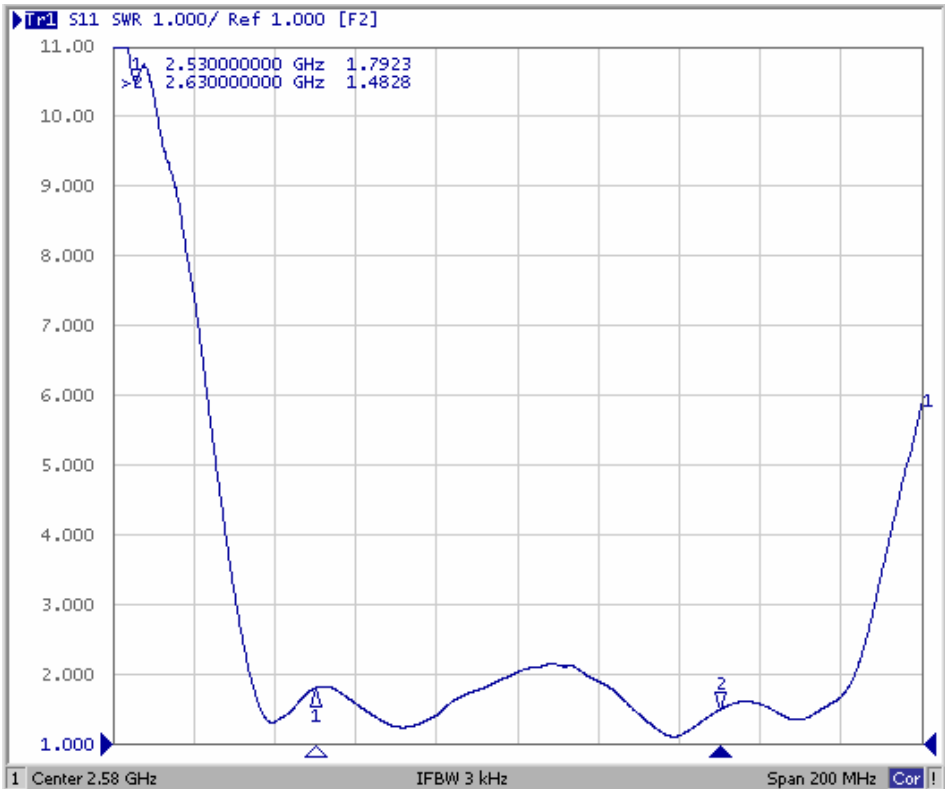


F. Frequency Characteristics :

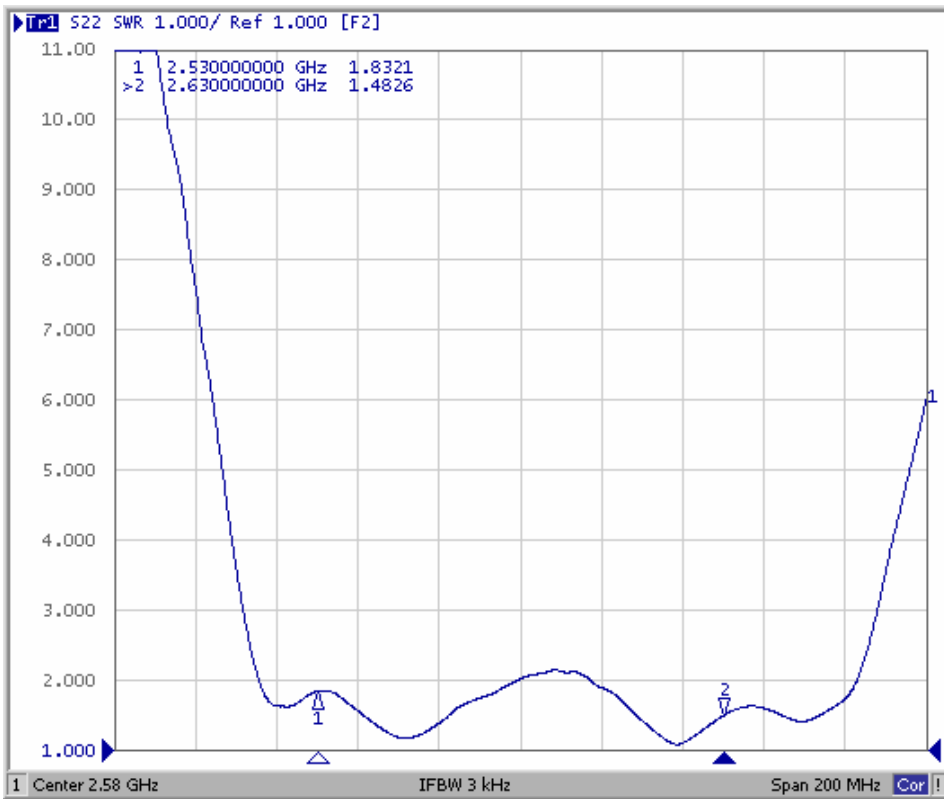


Reflection Functions :

S11



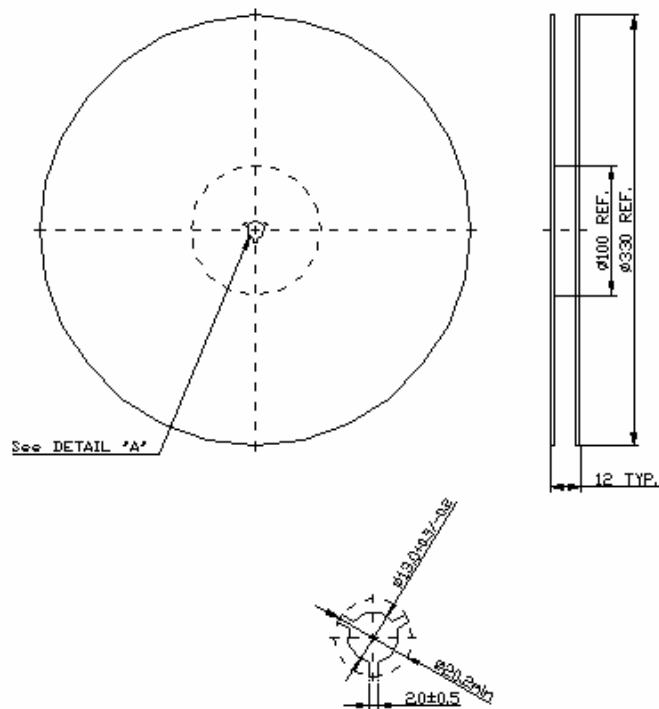
S22



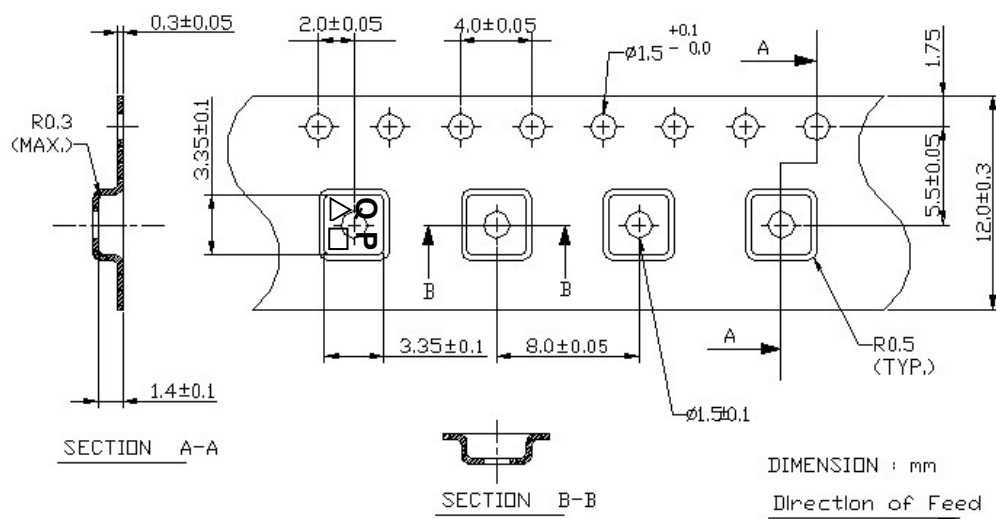
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7''=1000 ; 13''=3000)



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

