



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 423 MHz SMD 3.0x3.0 mm

TST Part No.: TA1105A

Customer Part No.: _____

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

Checked by: David Chang 張閱智

Approved by: Francis Chen 

Date: 2009/09/11

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 423 MHz

MODEL NO.:TA1105A

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

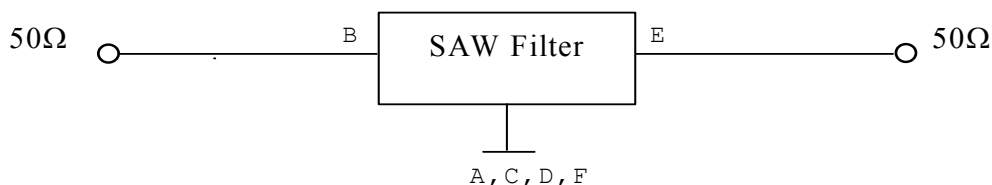
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

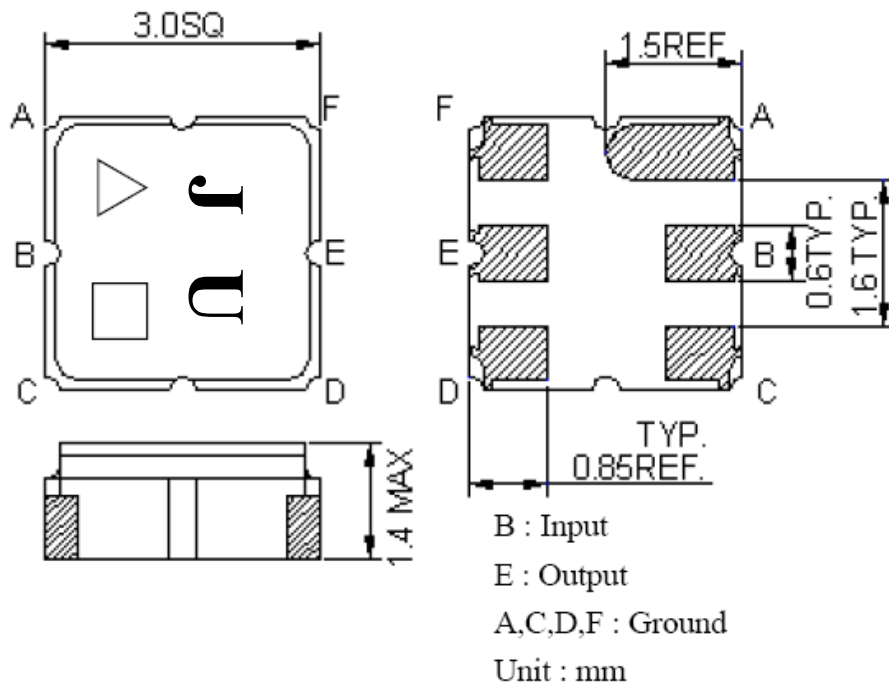
Item	Unit	Min.	Type.	Max.
Center frequency Fc	MHz	-	423	-
Insertion Loss (422~424 MHz) IL	dB	-	1.7	3.0
Amplitude Ripple (422~424 MHz)	dB	-	0.2	1.2
VSWR (422~424 MHz)	-	-	1.3	2.2
Attenuation (Reference level from 0 dB)				
10 ~ 380 MHz	dB	55	70	-
380 ~ 405 MHz	dB	45	58	-
440 ~ 450 MHz	dB	30	41	-
450 ~ 700 MHz	dB	50	58	-
700 ~ 1000 MHz	dB	42	53	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



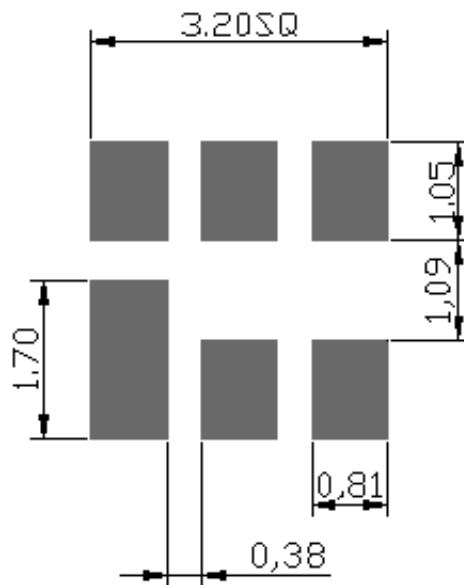
D.OUTLINE DRAWING:



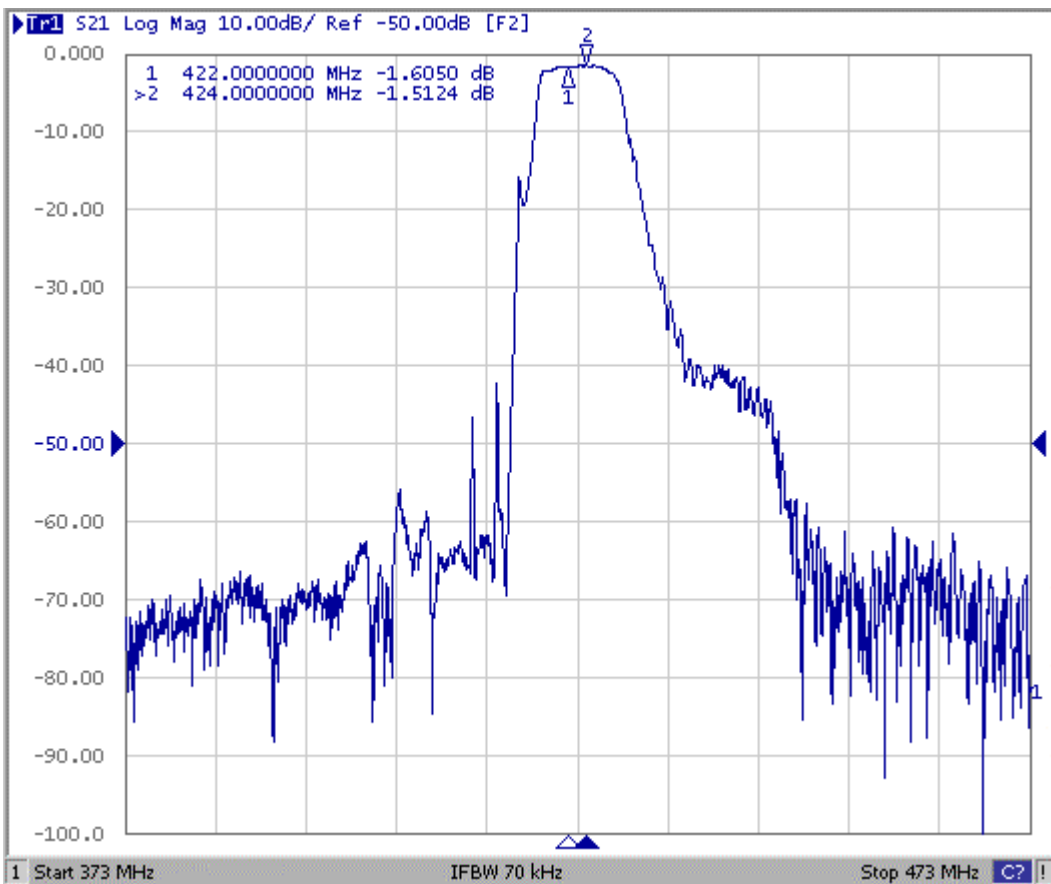
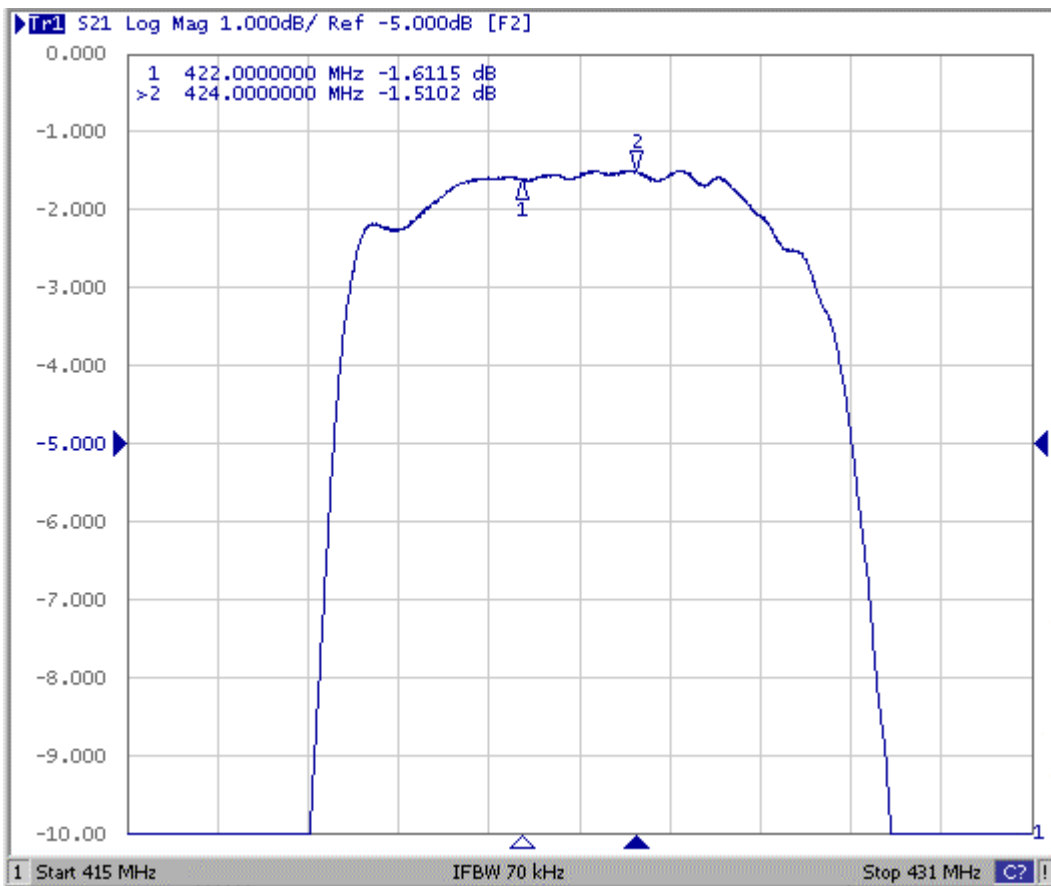
△ : Year Code (2006->6, ..., 2009->9)

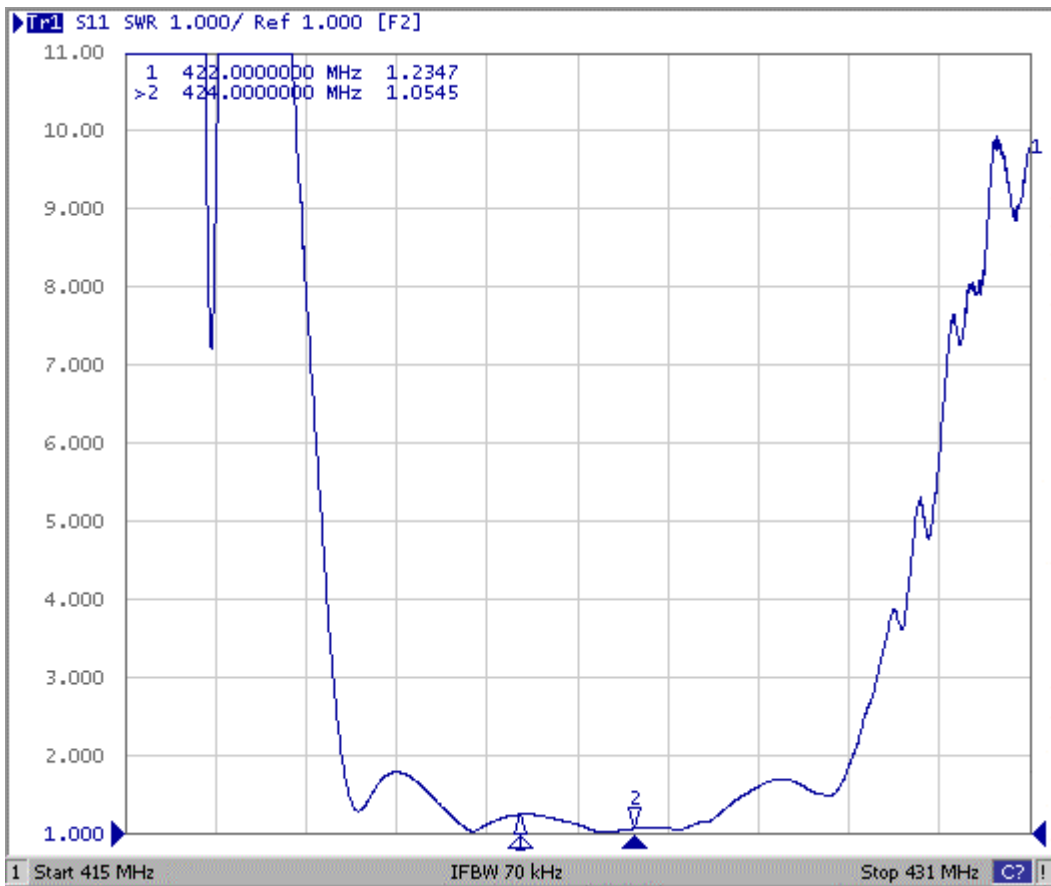
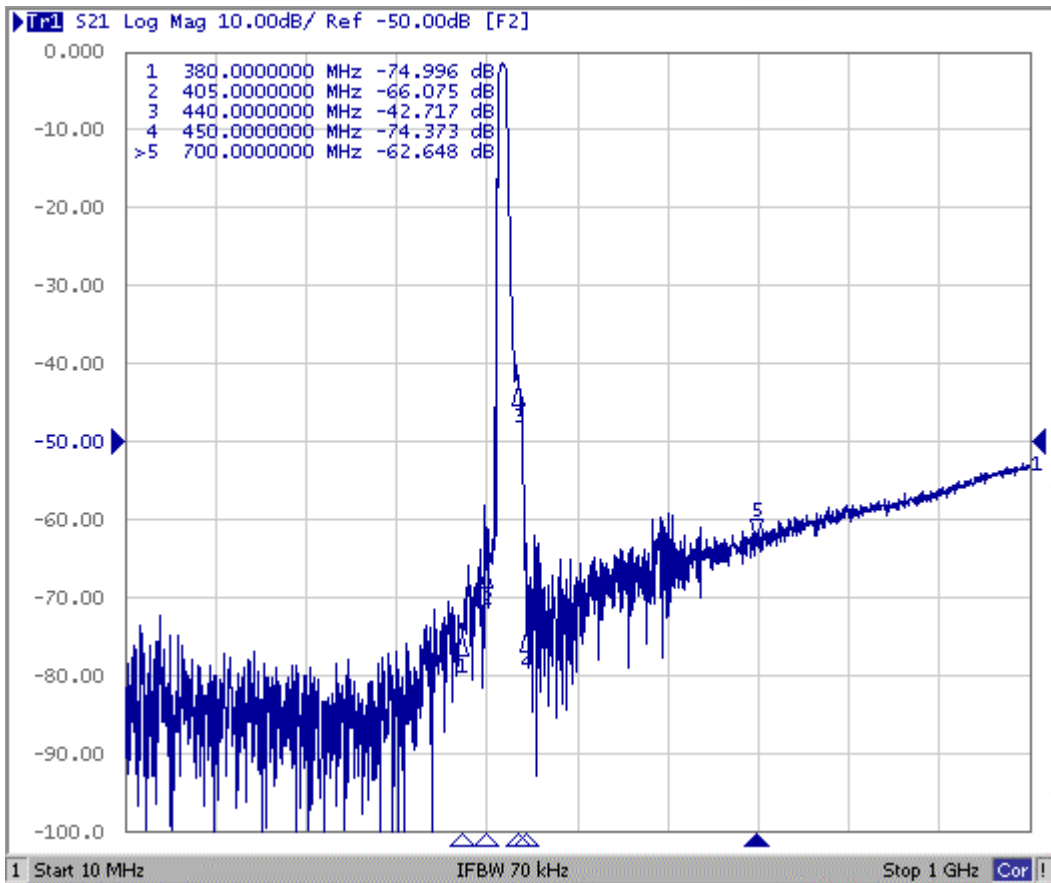
□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

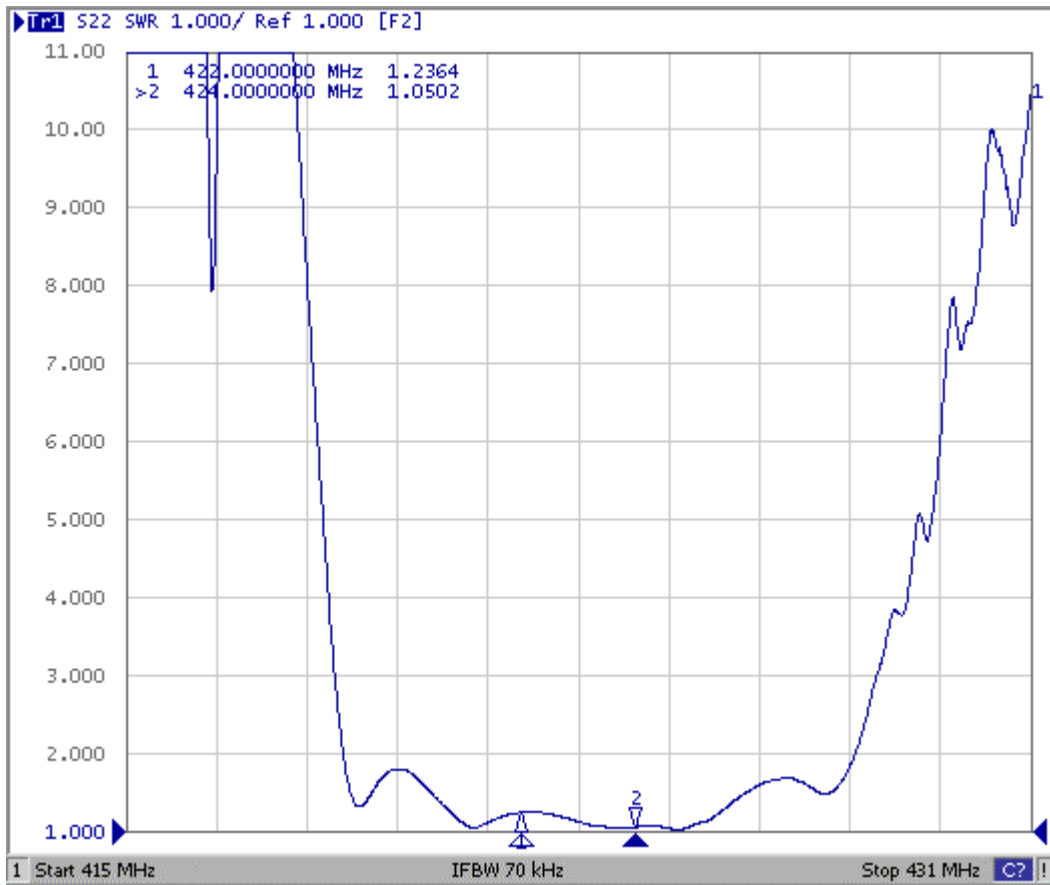
E. PCB Footprint:



F. Frequency Characteristics :

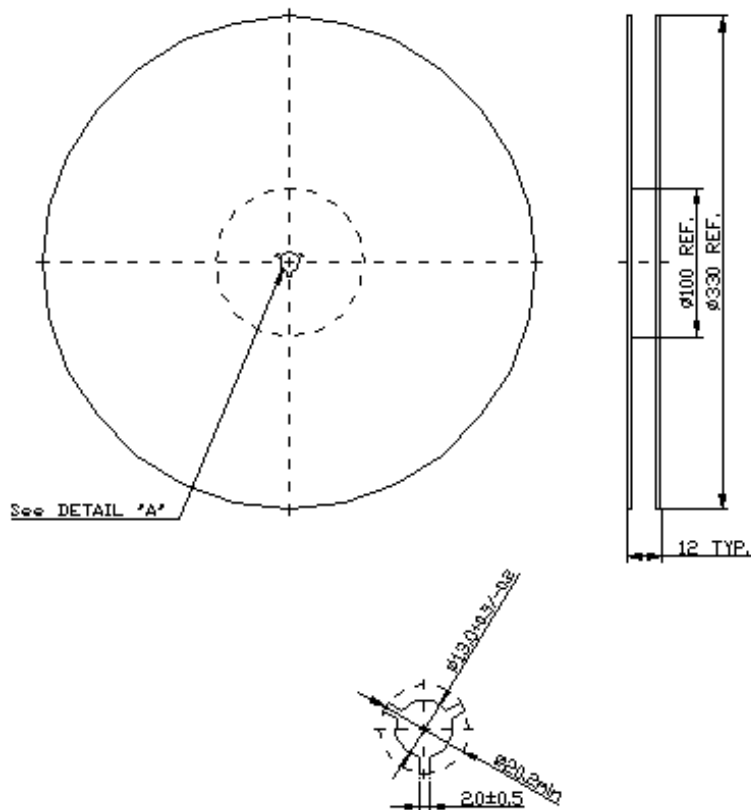




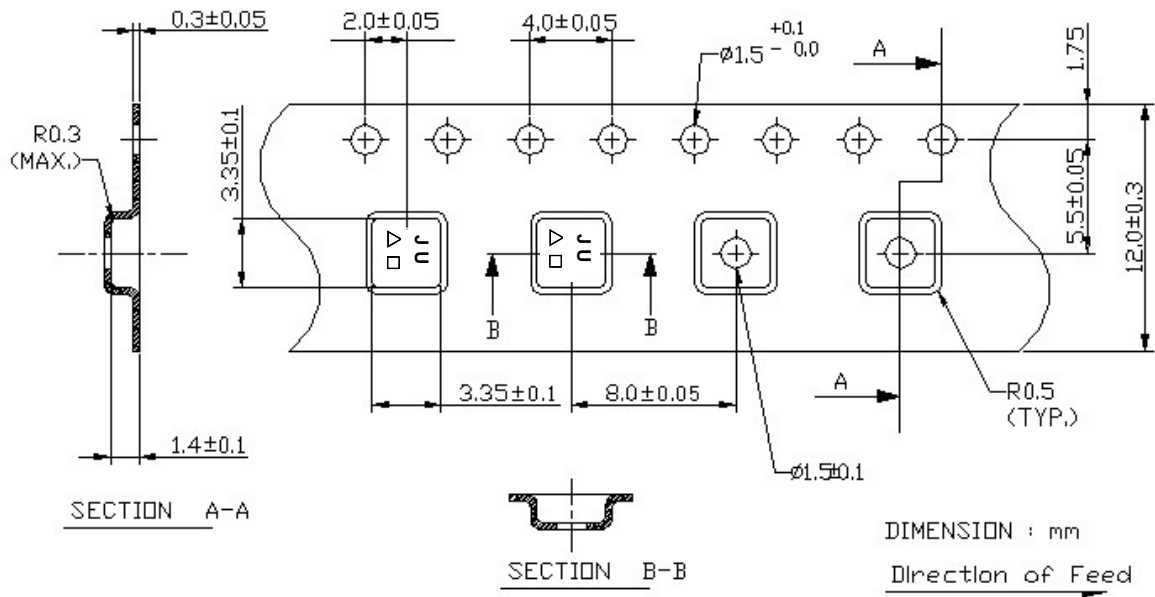


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

