



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 425 MHz SMD 3.0x3.0 mm

TST Part No.: TA1321A

Customer Part No.: _____

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

Checked by: _____ David Chang 張閔智

Approved by: _____ Francis Chen 陳文輝

Date: _____ 2011/02/24

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 425 MHz

MODEL NO.:TA1321A

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

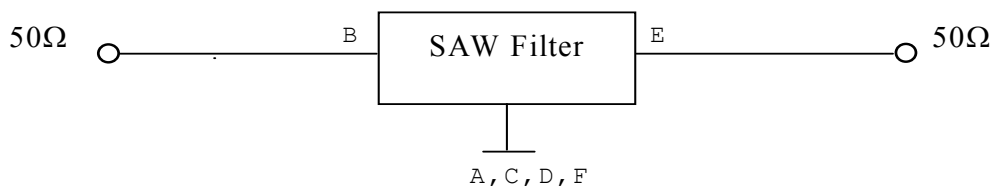
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

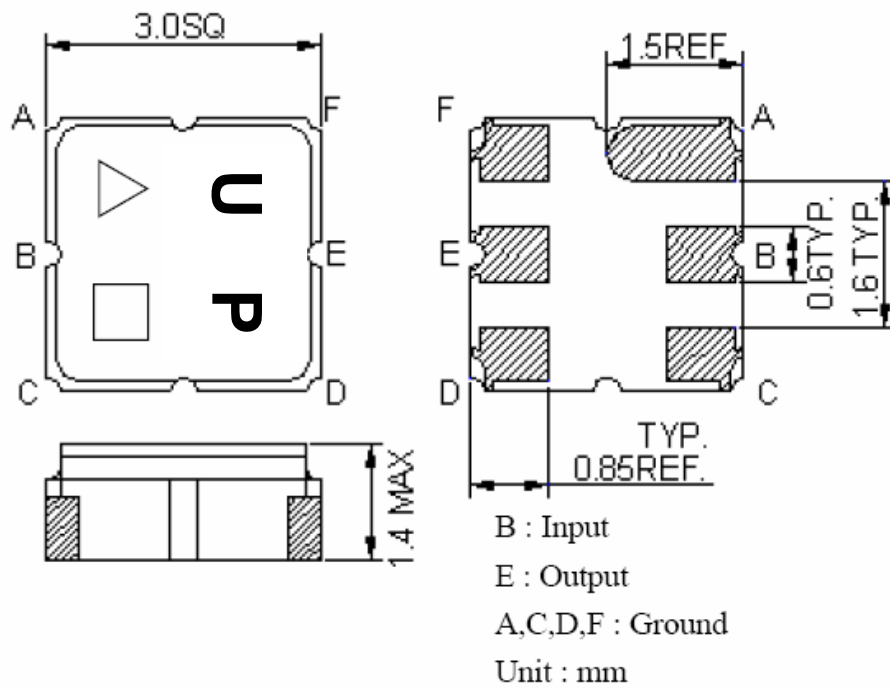
Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	425	-
Insertion Loss (423~427 MHz) IL	dB	-	1.9	4
Amplitude Ripple (423~427 MHz)	dB	-	0.5	2.5
VSWR (423~427 MHz)	-	-	1.3	2.5
Attenuation (Reference level from 0 dB)				
10 ~ 380 MHz	dB	55	70	-
380 ~ 405 MHz	dB	45	61	-
440 ~ 450 MHz	dB	30	38	-
450 ~ 700 MHz	dB	42	47	-
700 ~ 1000 MHz	dB	42	56	-
Temperature Coefficient of Frequency	Ppm/°C	-	-36	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



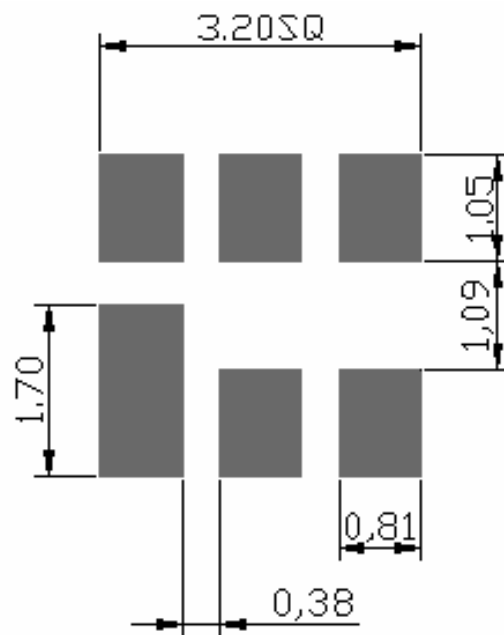
D.OUTLINE DRAWING:



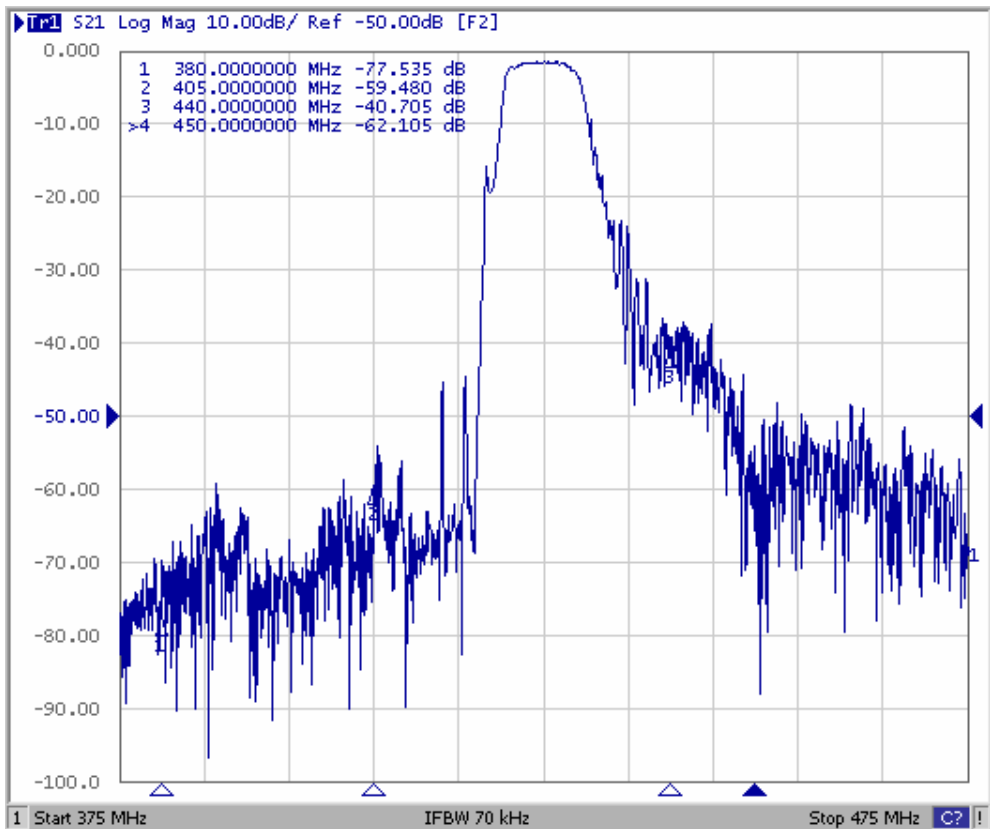
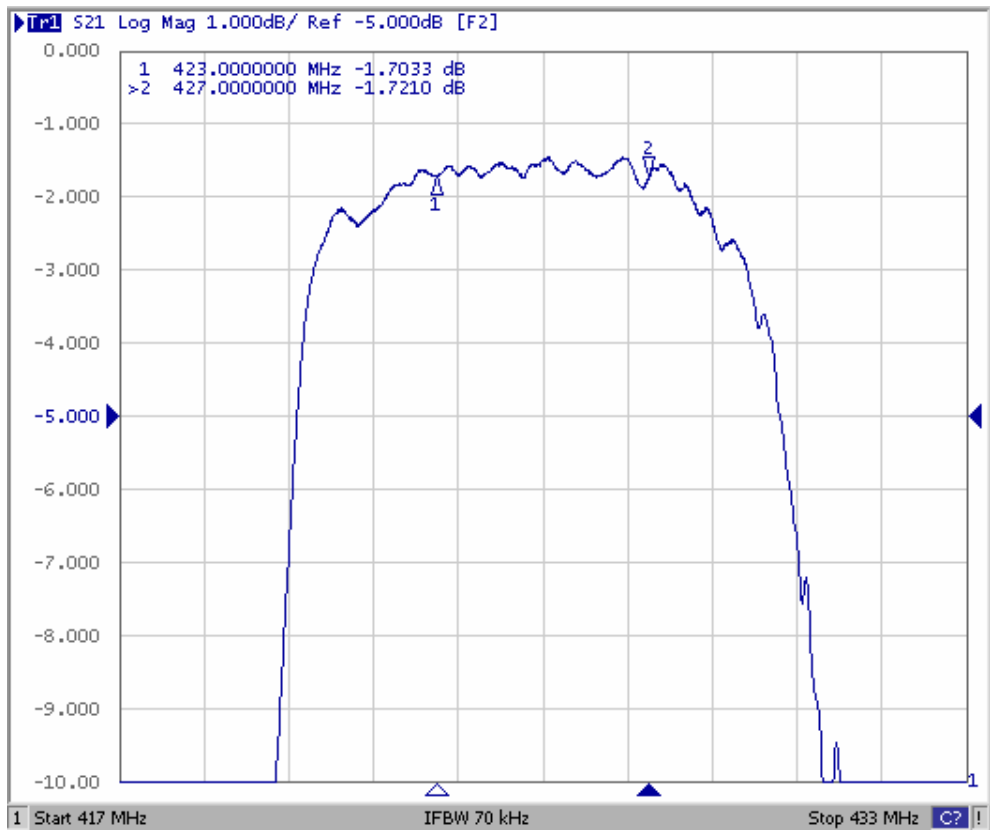
△ : Year Code (2006->6, ..., 2009->9)

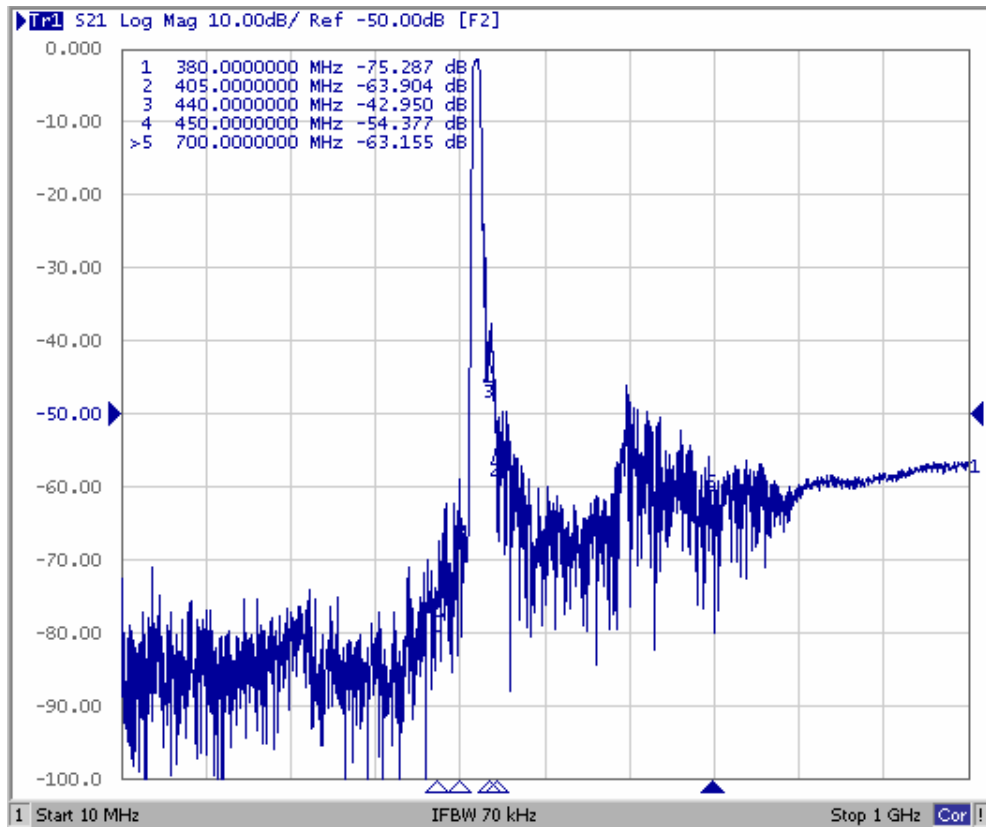
□ : Date Code (W01->A, W02->B, ..., W27->a, ..., W52->z)

E. PCB Footprint:



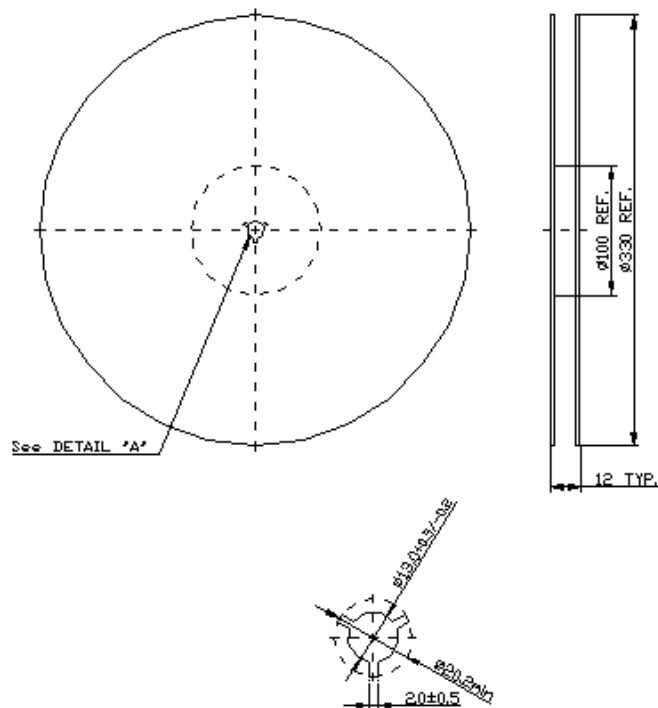
F. Frequency Characteristics:



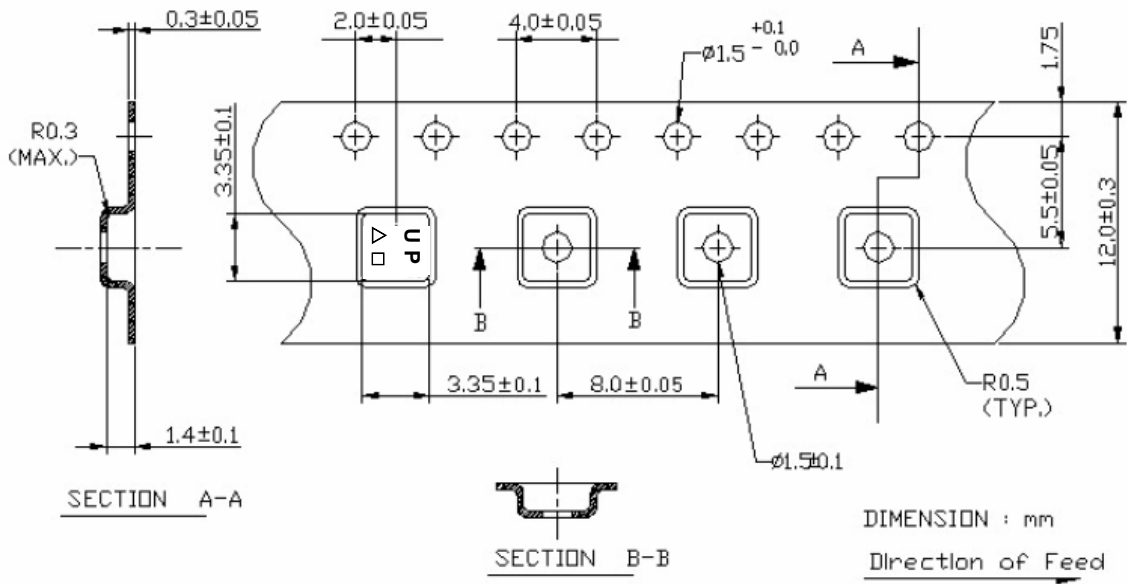


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE:

