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 418 MHz SMD 3.0x3.0 mm (BW=4 MHz)

TST Part No.: TA1463A

Customer Part No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by: David Chang 張閔智

Approved by: Francis Chen

Date: 2012/01/17

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 418 MHz

MODEL NO.:TA1463A 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

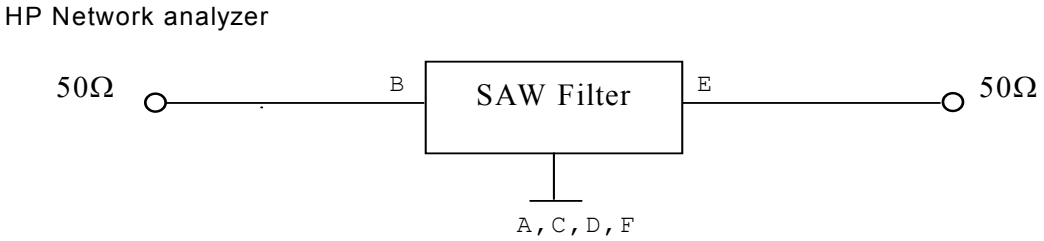
RoHS Compliant
Lead free
Lead-free soldering

Electrostatic Sensitive Device (ESD)

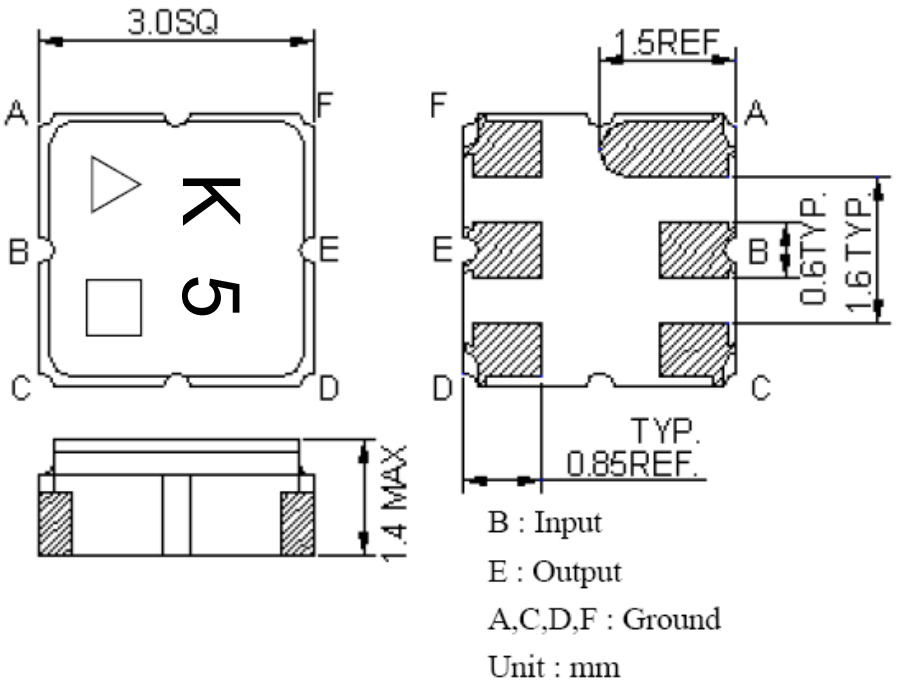
B. ELECTRICAL CHARACTERISTICS:

Item		Unit	Min.	Typ.	Max.
Center frequency	**Fc**	MHz	-	418	-
Insertion Loss (416~420 MHz)	**IL**	dB	-	1.7	3.5
Amplitude Ripple (416~420 MHz)		dB	-	0.2	1.8
VSWR (416~420 MHz)		-	-	1.3	2.4
Attenuation (Reference level from 0 dB)					
10 ~ 390 MHz		dB	55	67	-
390 ~ 405 MHz		dB	45	55	-
435 ~ 445 MHz		dB	30	40	-
445 ~ 800 MHz		dB	50	56	-
800 ~ 1000 MHz		dB	45	53	-
Temperature coefficient of frequency	**TCf**	ppm /℃	-	-36	-

C. MEASUREMENT CIRCUIT:



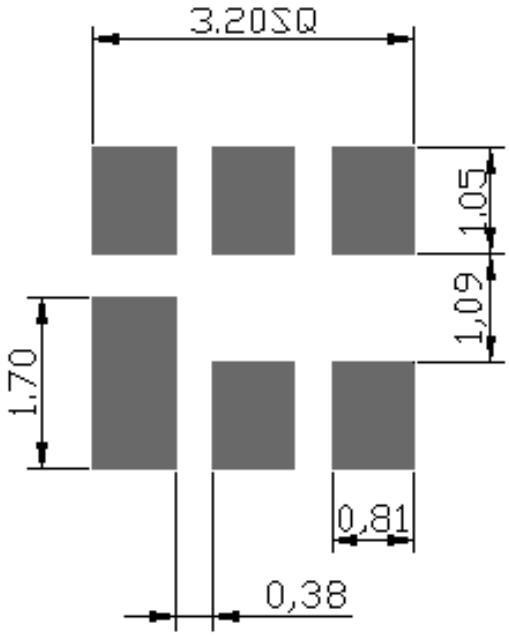
D. OUTLINE DRAWING:



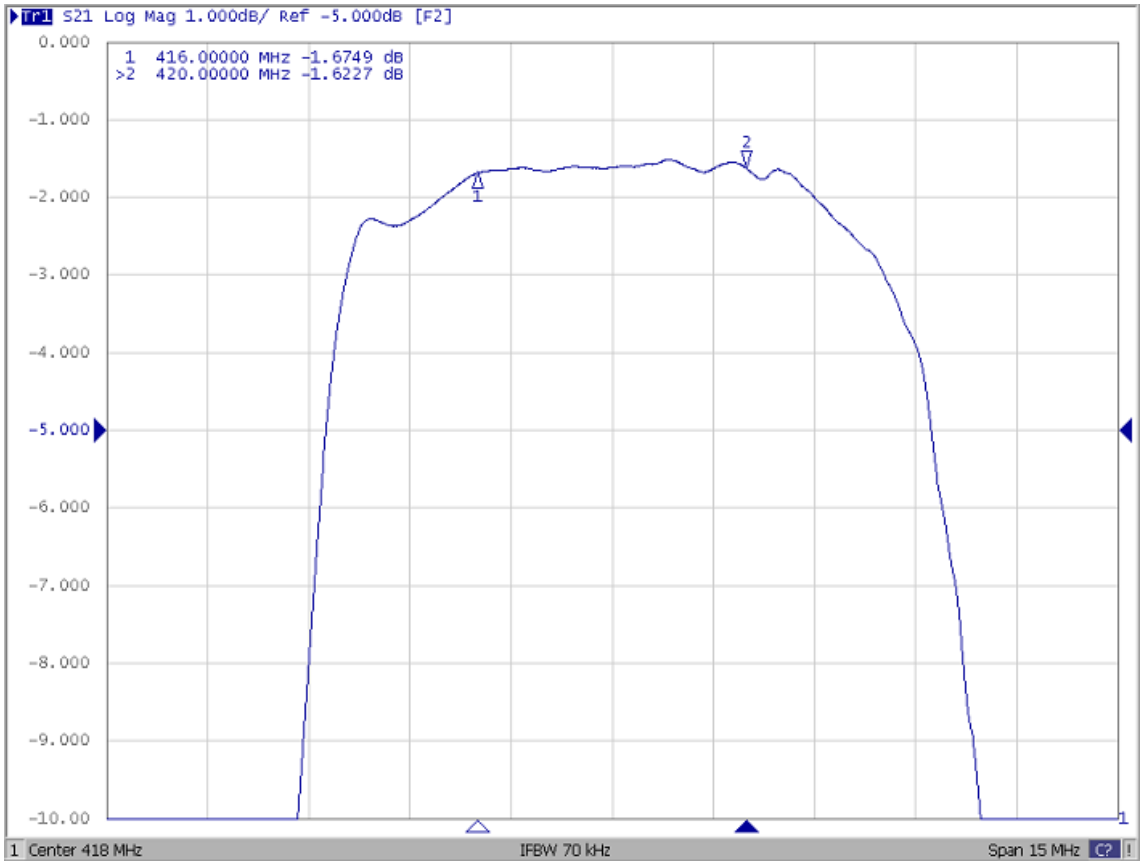
△ : **Year Code (2011->1,…, 2020->0)**

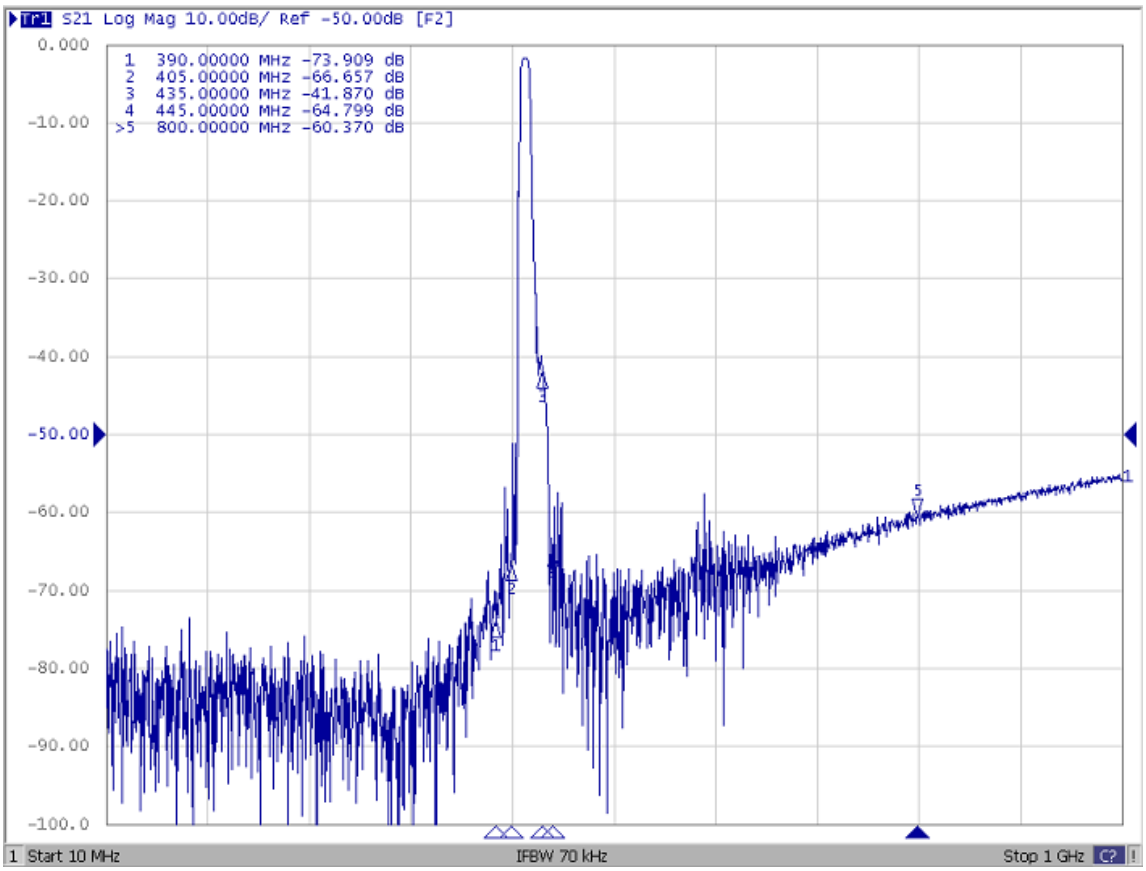
□ : **Date Code (Follow the table from planner each year)**

E. PCB Footprint:



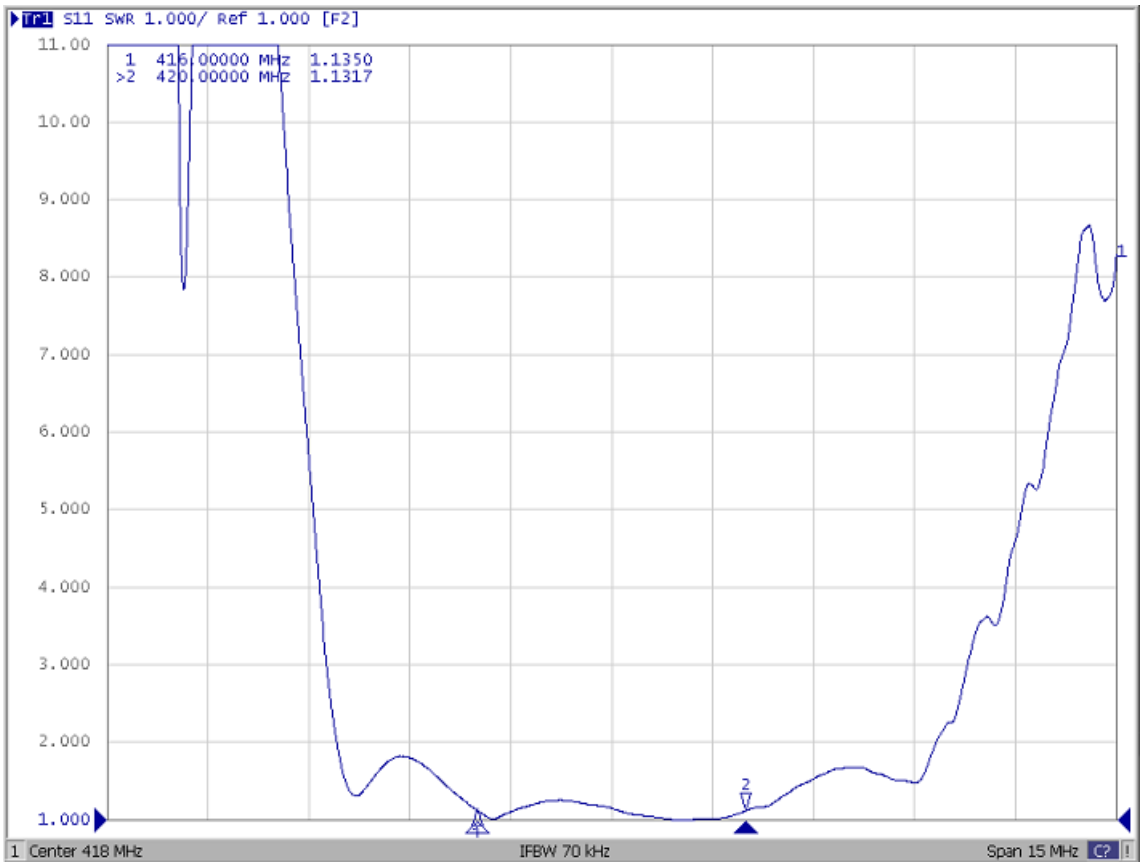
F. Frequency Characteristics:



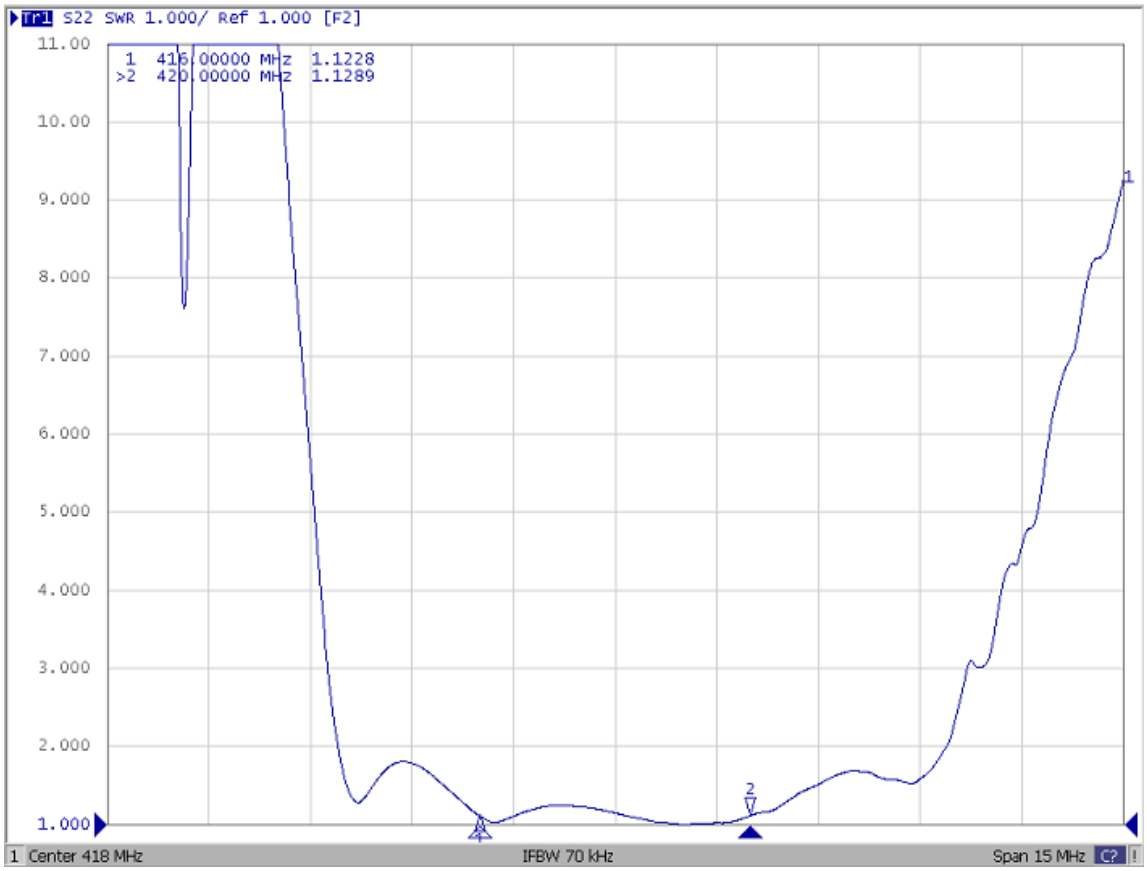


Reflection Functions:

S11

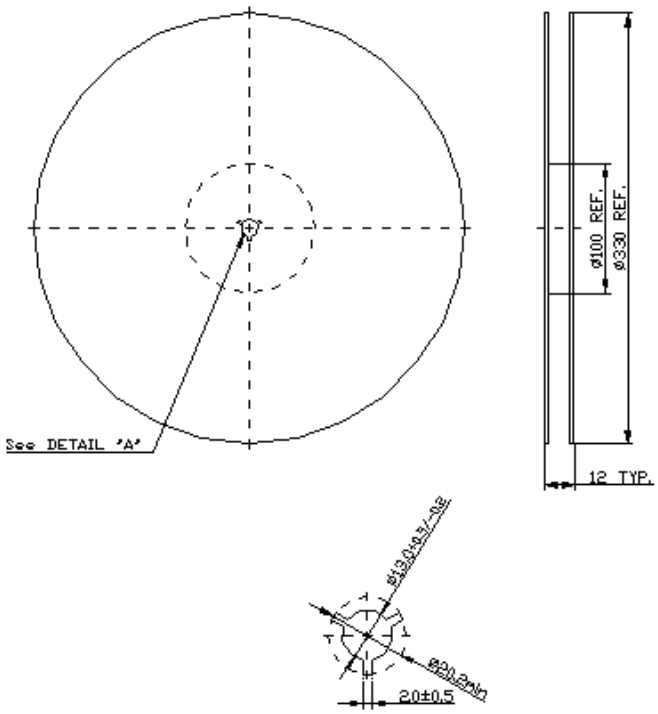


S22

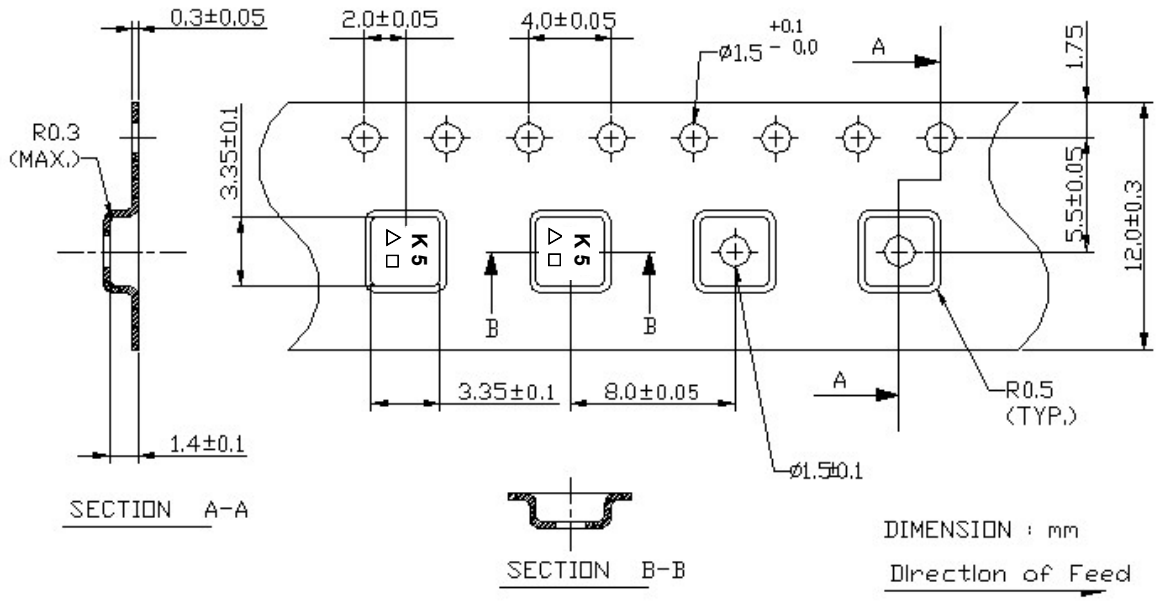


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE: