

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 Specification Approval Sheet

Product Name: SAW Filter 480MHz SMD 5.0x5.0mm

TST Parts No.:TA0421A

Customer Parts No.: _____

Customer signature required

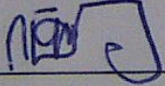
Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Anne Chen 陳秀宜

Approval by: _____ Francis Chen 

Date: _____ 2009/11/05

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.



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

SAW Filter 480 MHz

MODEL NO.: TA0421A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
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

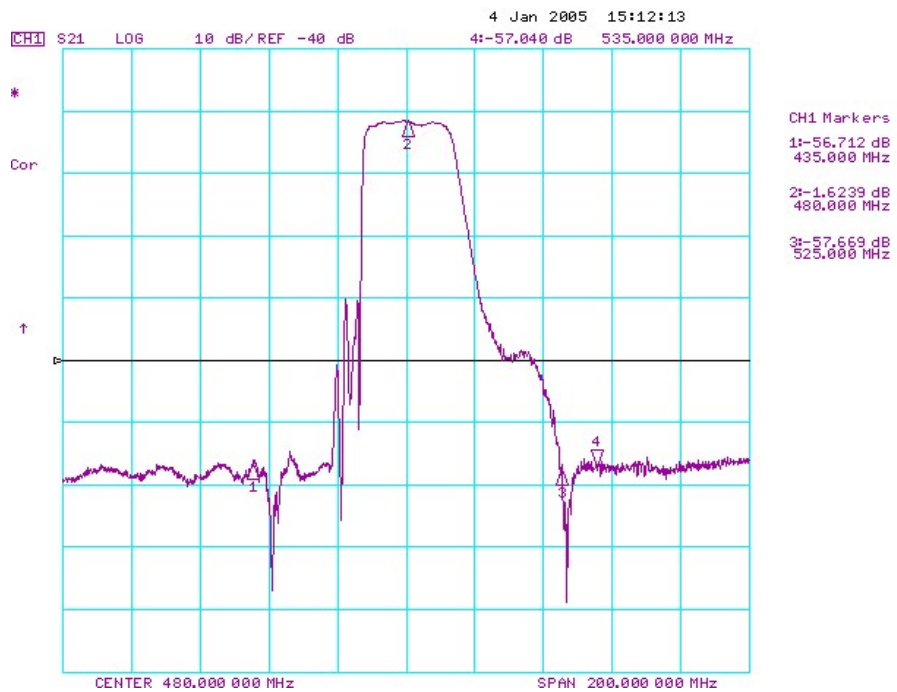
B. ELECTRICAL CHARACTERISTICS:

Reference temperature: 25°C

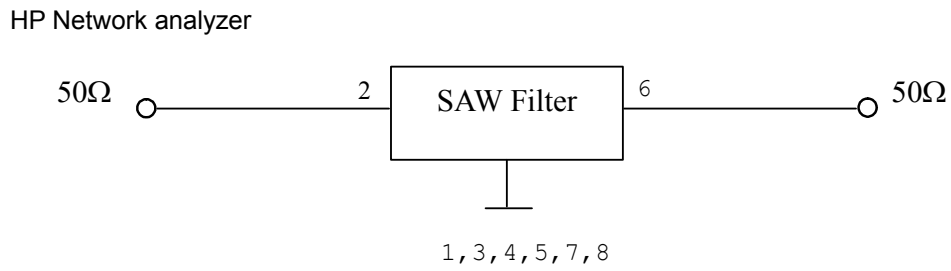
Item	Unit	Min.	Type.	Max.	
Center frequency F _c	MHz	-	480	-	
Insertion Loss IL _{min} (reference level)	dB	-	1.6	2.8	
2dB Bandwidth BW _{-2dB}	MHz	20	24.3	-	
Absolute Attenuation:(Reference level from 0dB)					
F _c -45 to F _c -100	MHz	dB	40	56	-
F _c +45 to F _c +55	MHz	dB	30	56	-
F _c +55 to F _c +100	MHz	dB	40	54	-
Temperature coefficient of frequency	ppm/k	-	-36	-	
Source impedance Z _s	Ω	-	50	-	
Load impedance Z _L	Ω	-	50	-	

Note: IL_{min} is the minimum of the pass band attenuation. The center frequency F_c is the mean value of the upper and lower frequencies at the 2dB filter attenuation level relative to the IL_{min}.

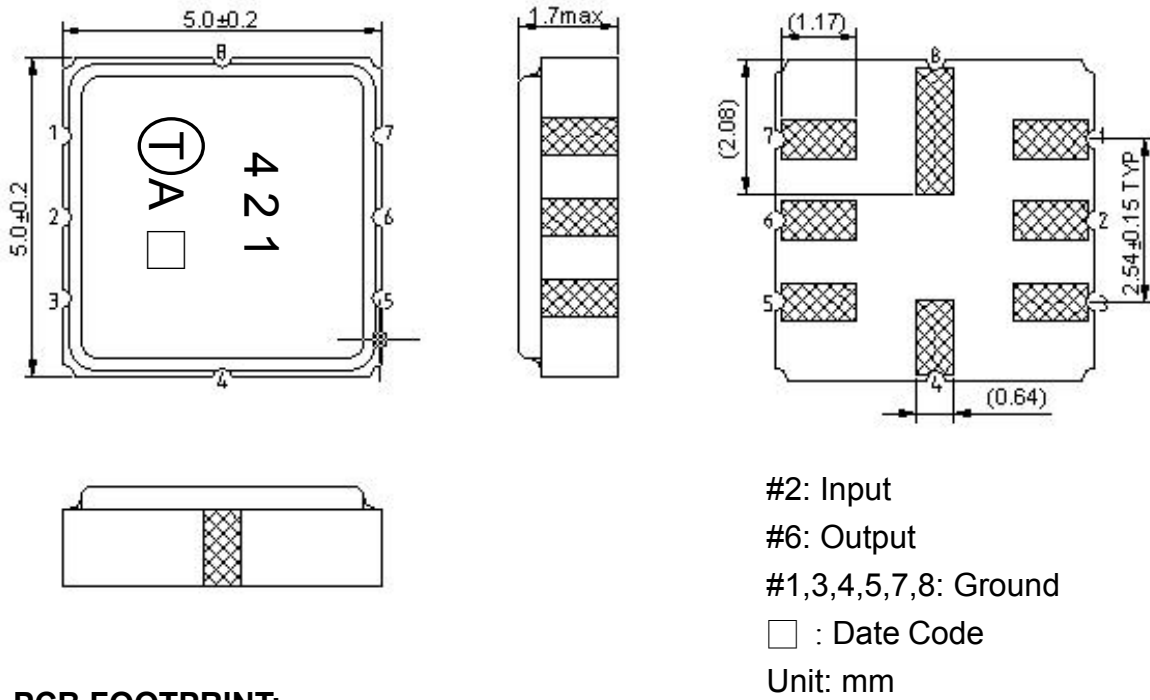
C. Frequency Characteristics :



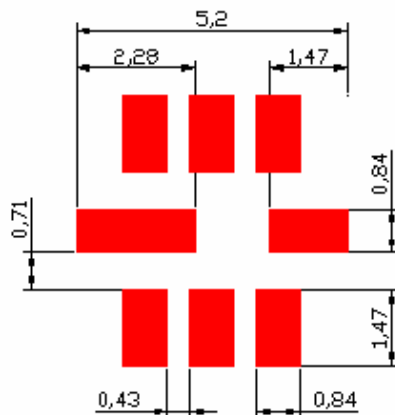
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:

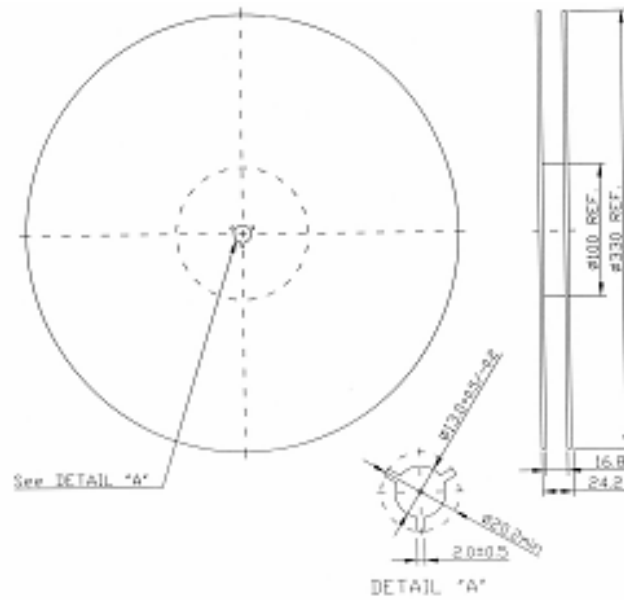


F. PCB FOOTPRINT:

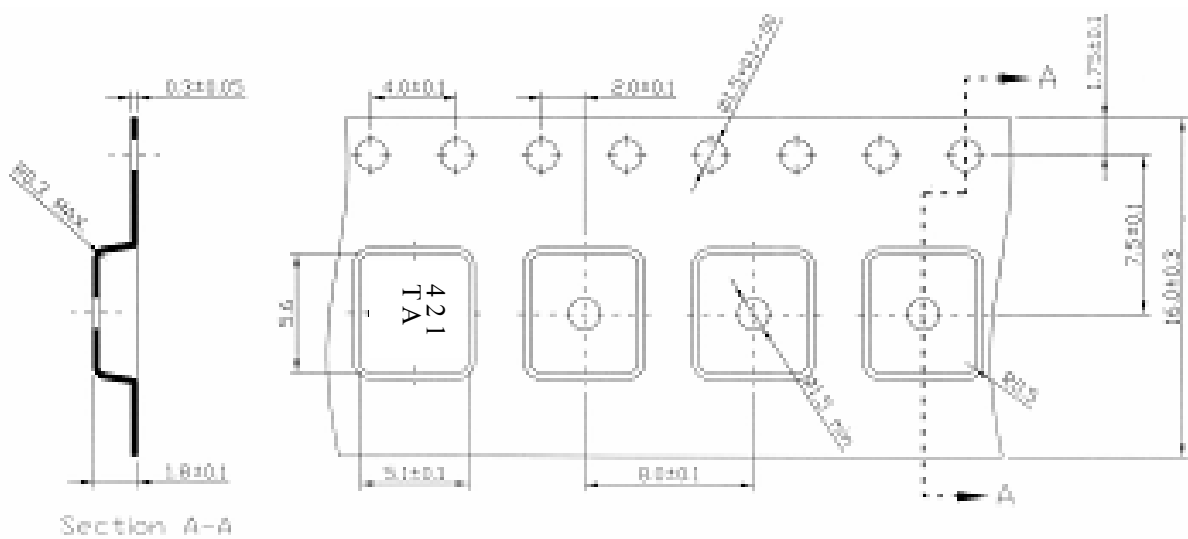


G. PACKING:

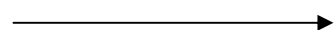
1. REEL DIMENSION



2. TAPE DIMENSION



Direction of Feed



H. RECOMMENDED REFLOW PROFILE :

