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 433MHz SMD 5.0×5.0 mm

TST Parts No.:TA0286B

Customer Parts No.:_____

Customer signature required

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Anne Chen 陳秀宜_____

Approval by:_____Francis Chen _____

Date:_____2009/11/18_____

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 433 MHz

MODEL NO.: TA0286B REV. NO.:1

RoHS Compliant
Lead free
Lead-free soldering

A. MAXIMUM RATING:

1.Input Power Level: 0 dB_m

2.DC voltage: 10 V

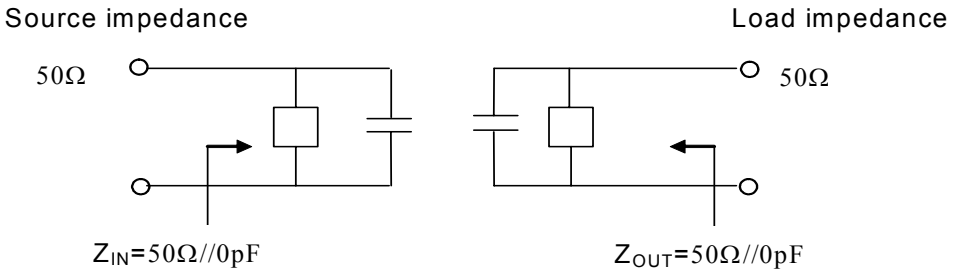
3.Operating Temperature: -20°C to +75°C

4.Storage Temperature: -40°C to +85°C

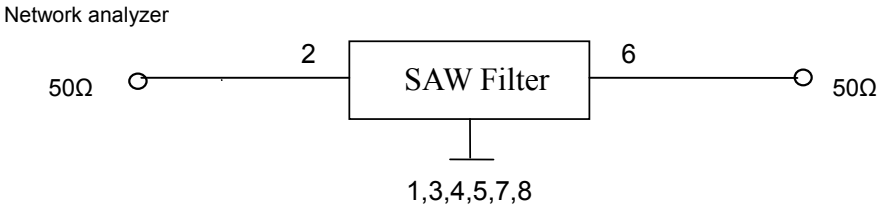
B. ELECTRICAL CHARACTERISTICS:

Item			Min.	Typical	Max.
Center frequency	**Fc**	(dB)	-	433	-
Insertion loss (F_C±4 MHz)	**IL**	(dB)	-	2.7	4.5
Amplitude ripple (F_C± 4 MHz)		(dB)	-	0.7	2.5
Attenuation (Reference level from 0 dB)					
F_C - 100 ~ F_C – 40.8 MHz		(dB)	42	50	-
F_C+ 40 ~ F_C + 100 MHz		(dB)	40	46	-
Source impedance	Zs	(Ω)	-	50Ω//0pF	-
Load impedance	Z_L	(Ω)	-	50Ω//0pF	-

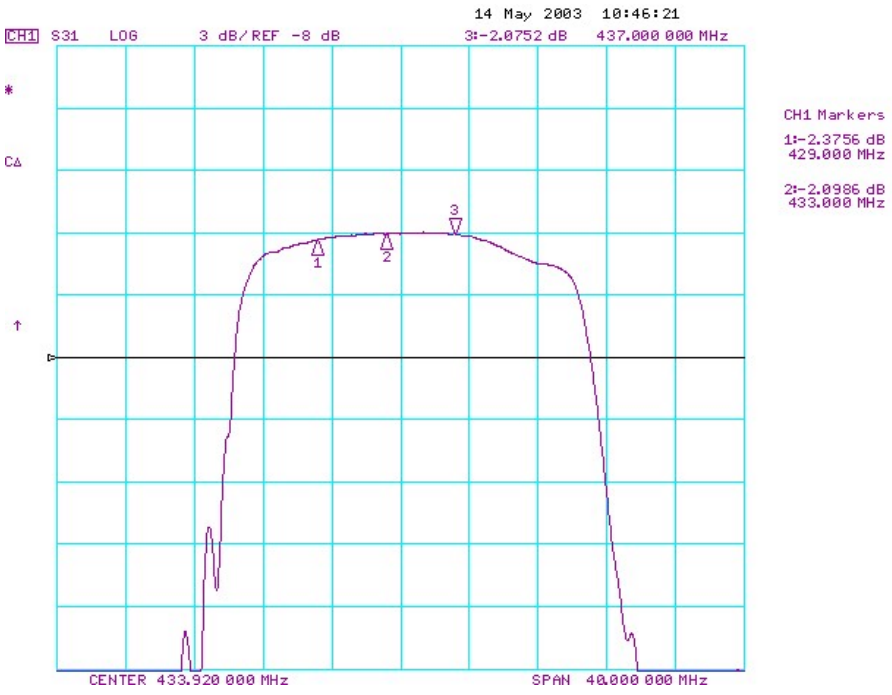
Note1. The standard definitions is in JIS C 6703

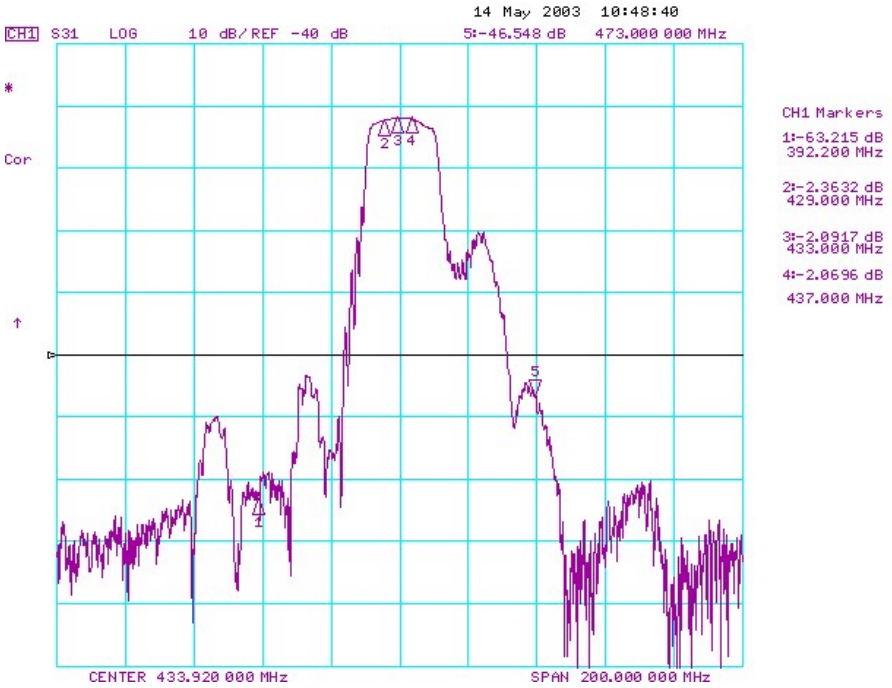


MEASUREMENT CIRCUIT:

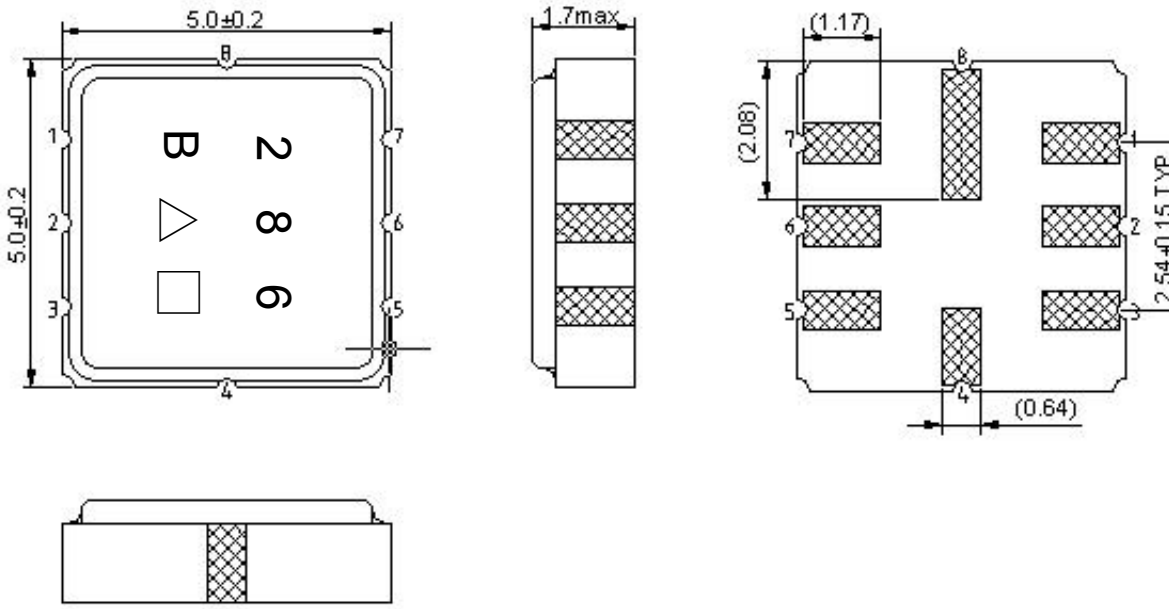


C. Frequency Characteristics :





E.OUTLINE DRAWING:



#2: Input

#6: Output

#1,3,4,5,7,8: Ground

△ : Year Code

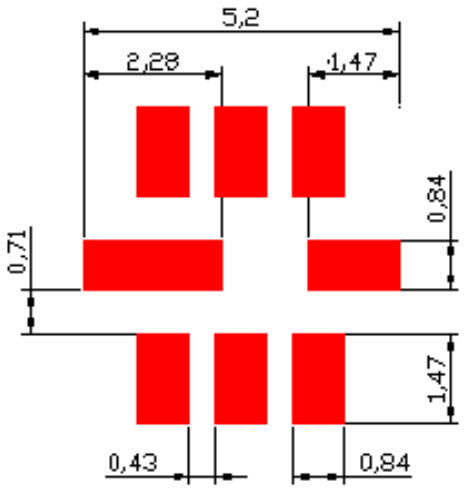
□ : Date Code (W01->A, W02->B,…W52->z)

Unit: mm

Product Year Code

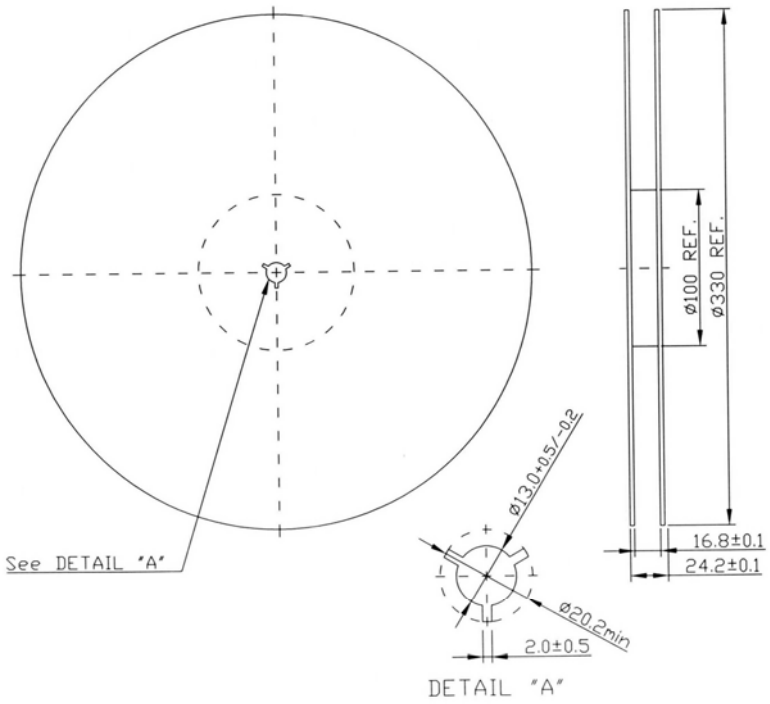
Year	2001 2005	2002 2006	2003 2007	2004 2008
Product Code	A	a	A	a

F. PCB FOOTPRINT:

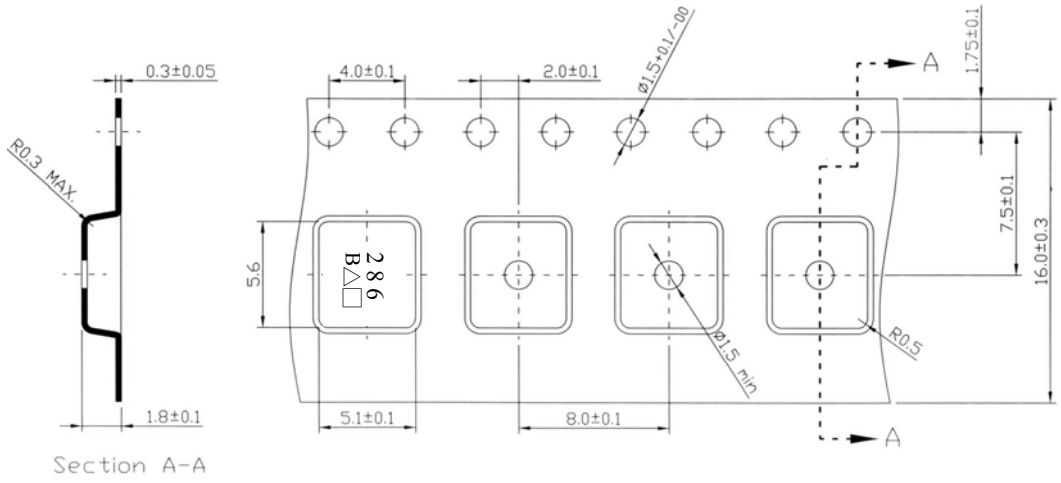
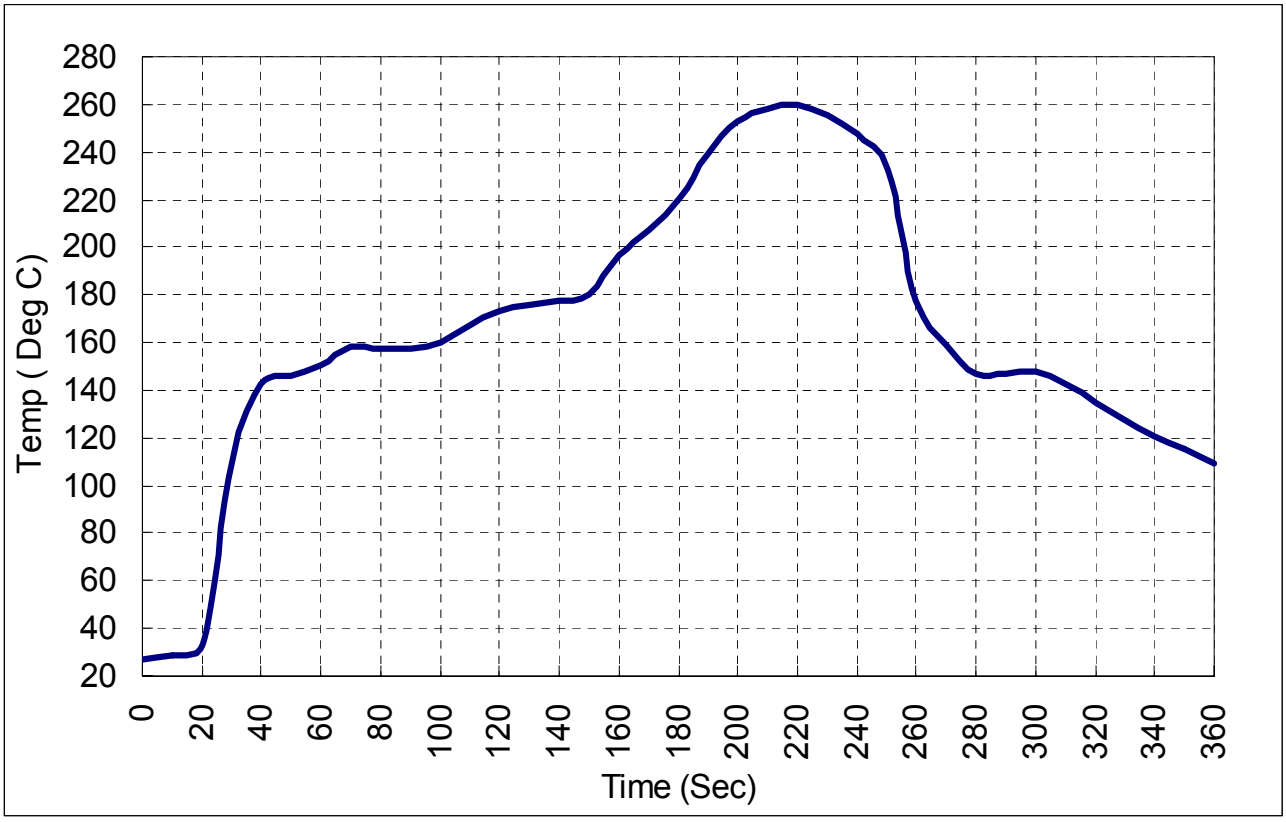


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :