



TAI-SAW TECHNOLOGY CO., LTD.

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Approval Sheet For Product Specification

Issued Date: 2003/05/16

Product Name: SAW Filter 433MHz SMD 5.0×5.0 mm

TST Parts No.:TA0286A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Anne Chen

陳秀宜

Approval by:_____ Andy Yu

Andy Yu

Date:_____ 2017/07/04



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SAW Filter 433 MHz

MODEL NO.: TA0286A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 0 dB_m
2. DC voltage: 10 V
3. Operating Temperature: -10°C to +50°C
4. Storage Temperature: -40°C to +85°C

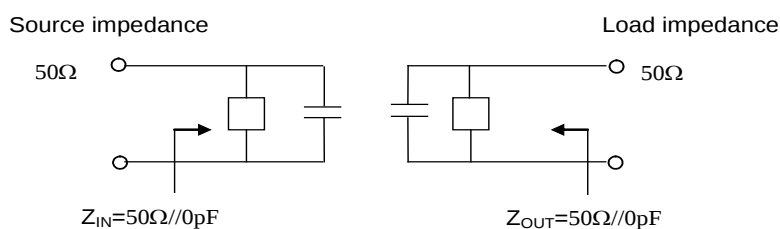
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

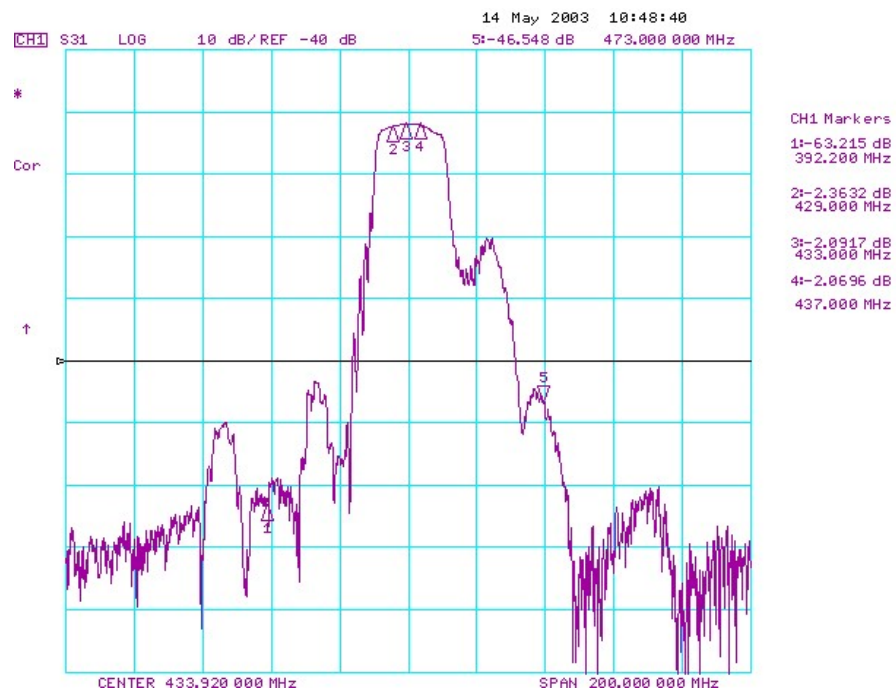
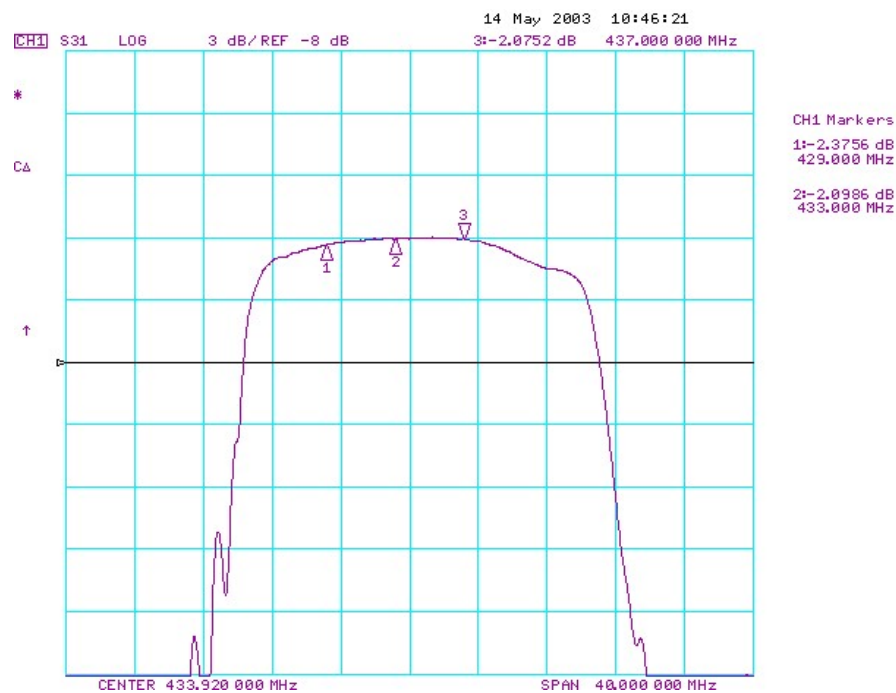
Item			Min.	Typical	Max.
Center frequency	F _c	(dB)	-	433	-
Insertion loss	(F _c ±4 MHz) IL	(dB)	-	2.7	4.5
Amplitude ripple	(F _c ± 4 MHz)	(dB)	-	0.7	2.5
Attenuation (Reference level from 0 dB)					
F _c - 100 ~ F _c - 40.8	MHz	(dB)	42	50	-
F _c + 40 ~ F _c + 100	MHz	(dB)	40	46	-
Source impedance	Z _s	(Ω)	-	50Ω//0pF	-
Load impedance	Z _L	(Ω)	-	50Ω//0pF	-

Note1. The standard definitions is in JIS C 6703

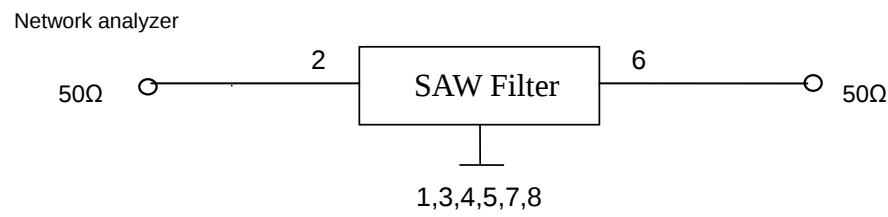
Note2.



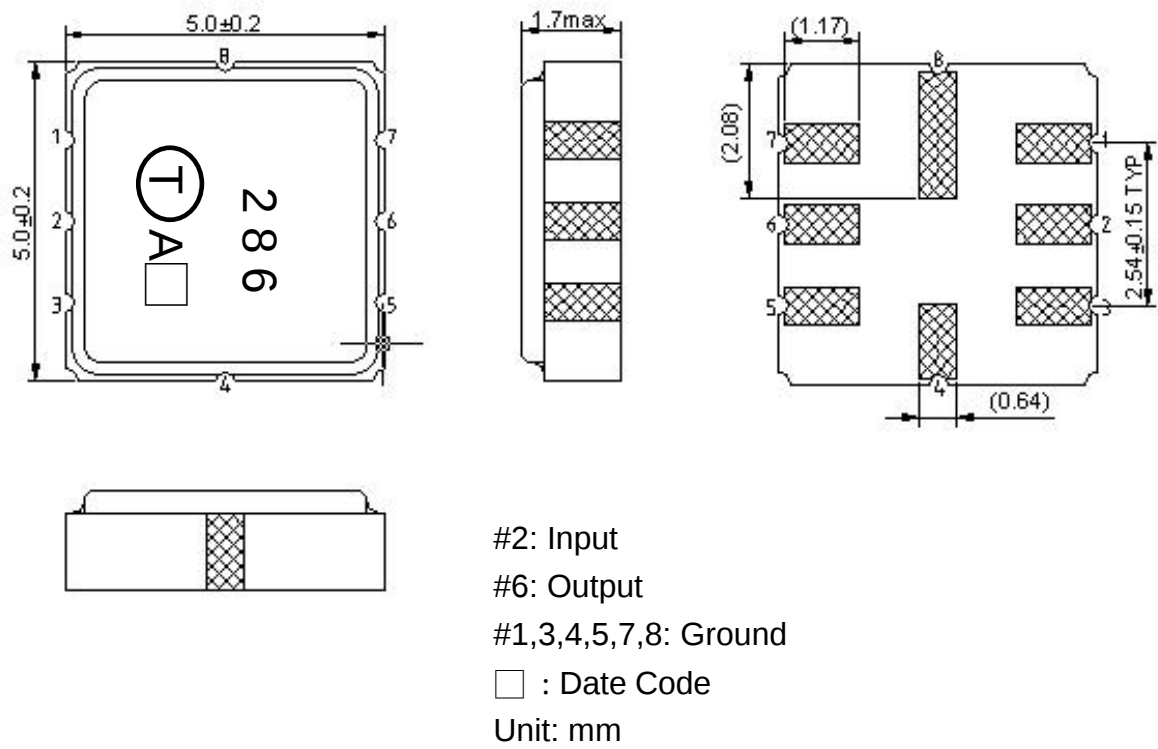
C. Frequency Characteristics :



D. MEASUREMENT CIRCUIT:

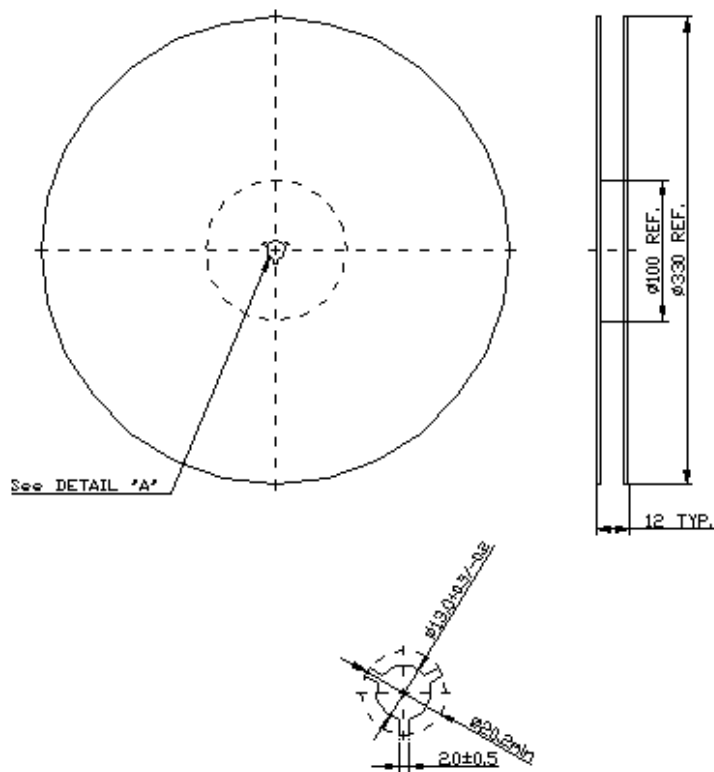


E.OUTLINE DRAWING:

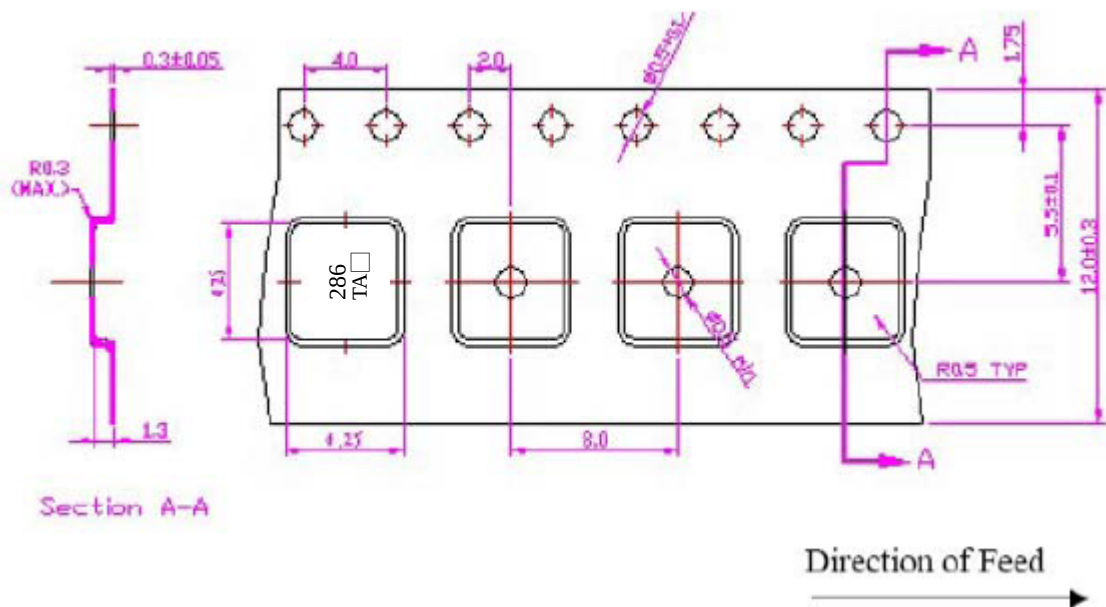


F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



G. RECOMMENDED REFLOW PROFILE :

1. Preheating shall be fixed at 150~180°C for 60~90 seconds.
2. Ascending time to preheating temperature 150°C shall be 30 seconds min.
3. Heating shall be fixed at 220°C for 50~80 seconds and at 260°C +0/-5°C peak (20~40sec).
4. Time: 2 times.

