



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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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW FILTER 307.5MHz SMD 5.0 SQ

TST Parts No.: TA0187A

Customer Parts No.: _____

Company: _____
Division: _____
Approved by : _____
Date: _____

Checked by: _____ Bob Chau

Approval by: _____ Vincent Lee

Date: _____ Feb.22,2002



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SAW Filter 307.5 MHz

MODEL NO.: TA0187A

REV. NO.:1

A. MAXIMUM RATING:

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

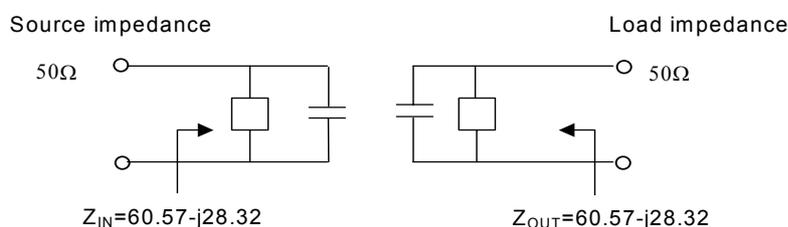
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

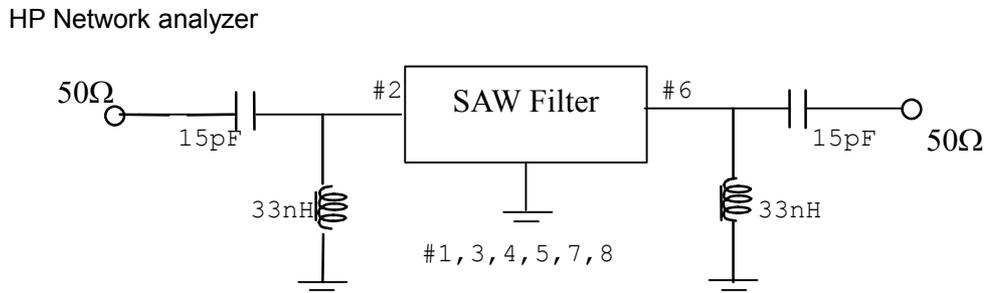
Characteristics	Min.	Typ.	Max.
Center frequency F_c (dB)	-	307.5	-
Insertion loss within 305.5 ~309.5 MHz IL (dB)	-	2.85	4.0
Amplitude ripple (p-p) within 305.5 ~ 309.5 MHz (dB)	-	0.7	2.0
Attenuation (Reference level from 0 dB)			
F _c - 40 to - 9 MHz (dB)	30.0	45.0	-
F _c + 9 to + 40 MHz (dB)	15.0	30.0	-
F _c -100 to -40 MHz (dB)	50.0	62.0	-
F _c +40 to +100 MHz (dB)	50.0	65.0	-
Source impedance Z_s (Ω)	-	60.57-j28.32	-
Load impedance Z_L (Ω)	-	60.57-j28.32	-

Note1. The standard definitions is in JIS C 6703

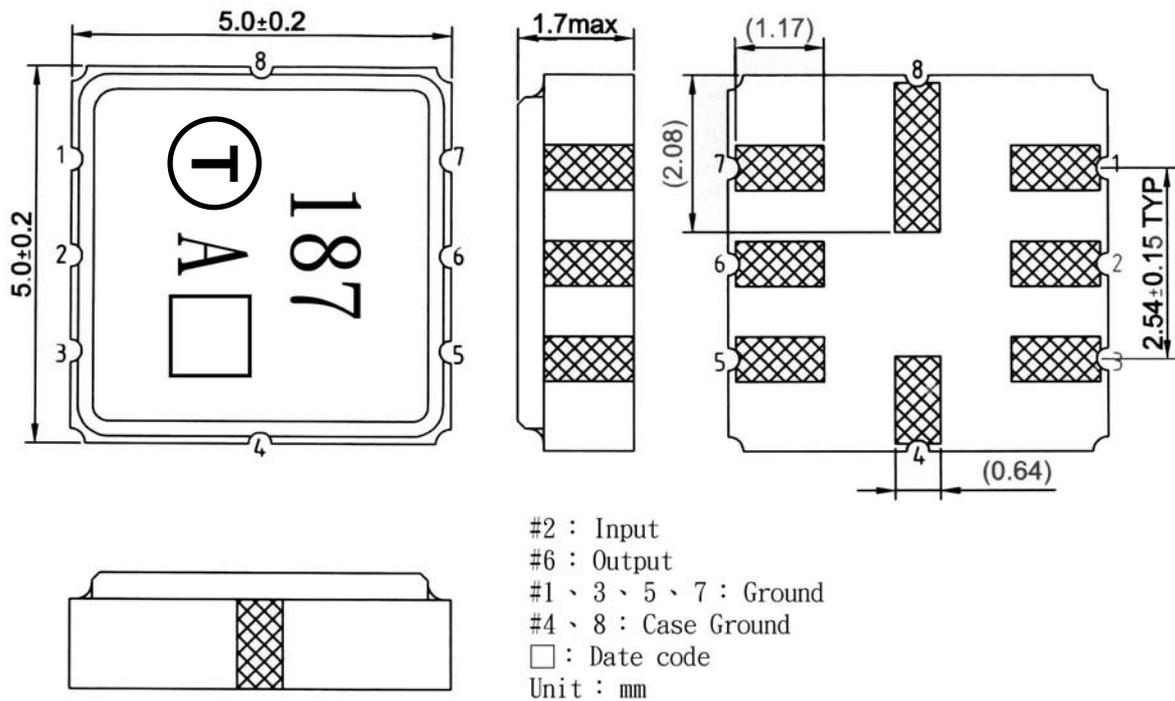
Note2.



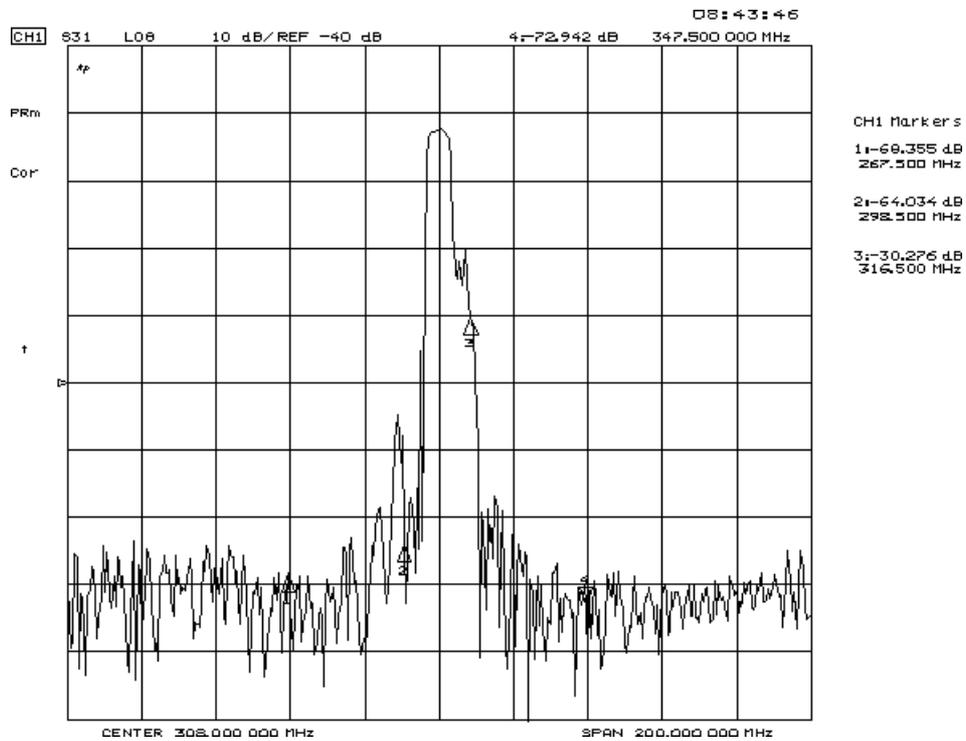
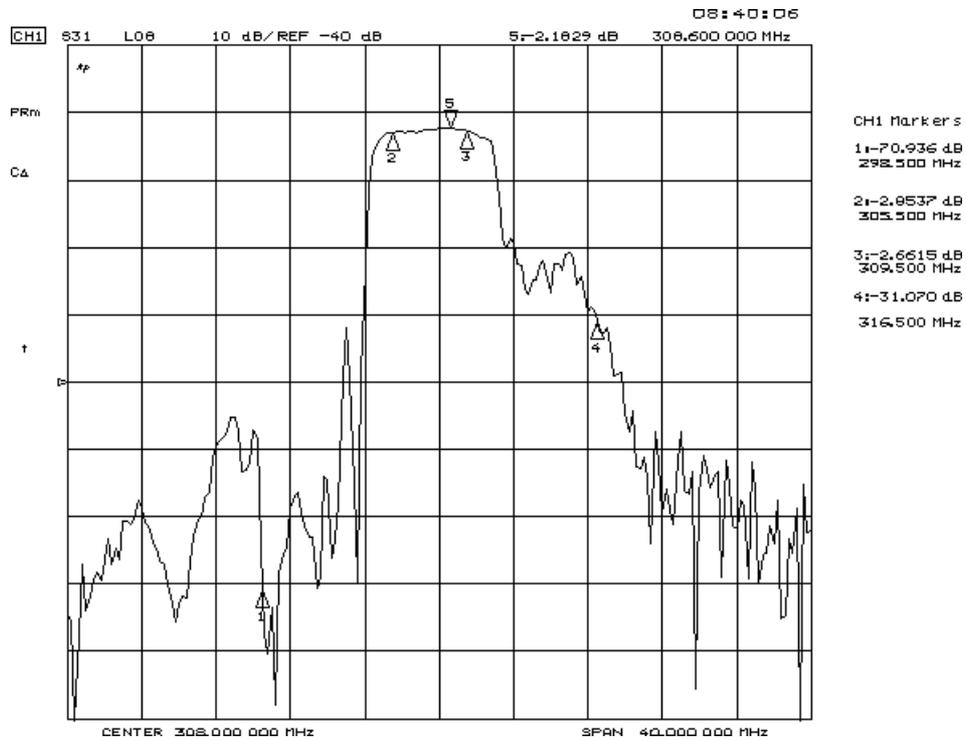
C. MEASUREMENT CIRCUIT:



D. OUTLINE DRAWING:

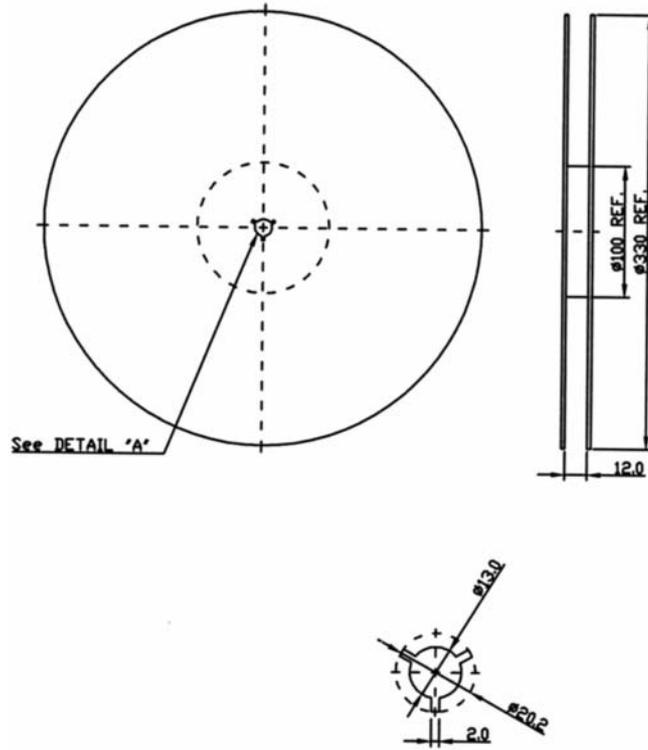


E. Frequency Characteristics :

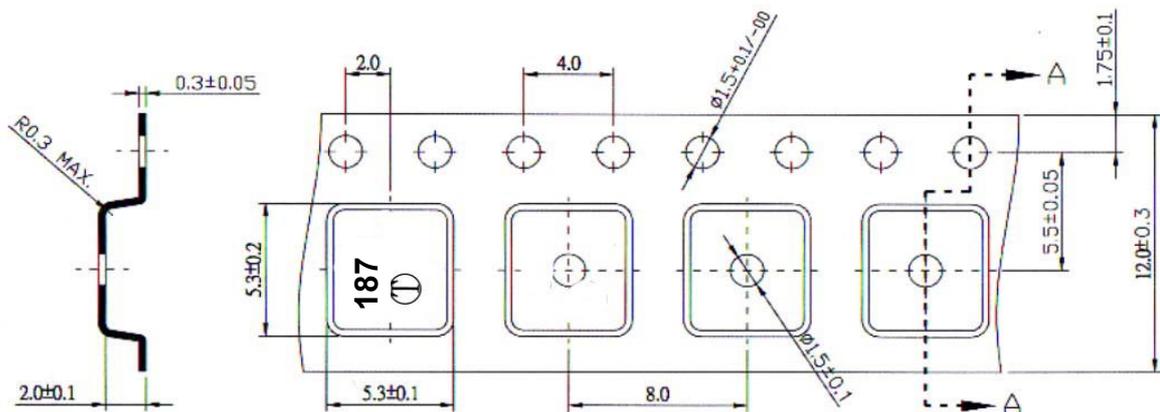


G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Section A-A