



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 868.6MHz SMD 3.8×3.8mm

TST Parts No.:TA0538A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2006/01/24



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SAW Filter 868.6 MHz

MODEL NO.: TA0538A

REV. NO.:2

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -40°C to 85°C
4. Storage Temperature: -40°C to +85°C

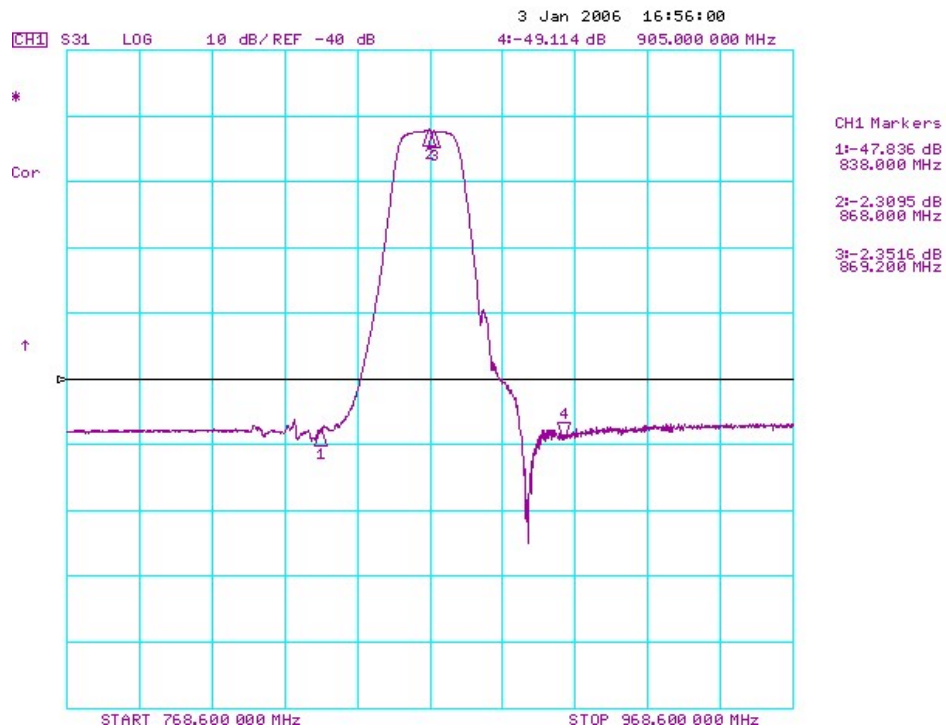
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

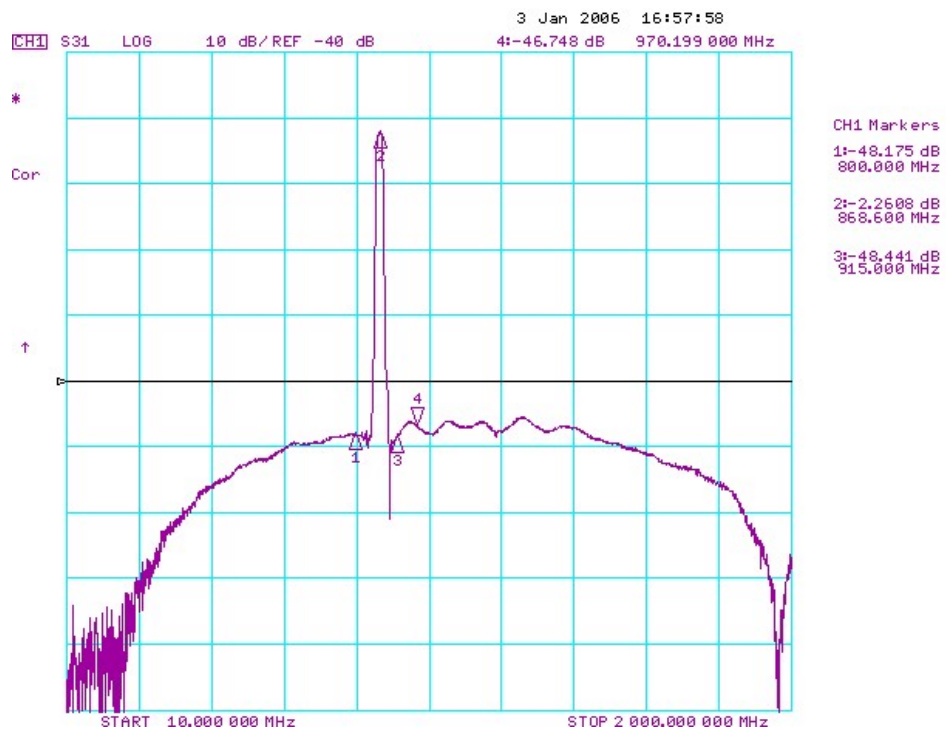
Item				Min.	Typ.	Max.
Center frequency	Fc	MHz		-	868.5	-
Insertion loss	868 ~ 869.2 MHz	IL	dB	-	2.4	4.0
Amplitude ripple	868 ~ 869.2 MHz		dB	-	0.1	1.4
Attenuation (Reference level from 0dB)						
10 ~ 800		MHz	dB	40	48	-
800 ~ 838		MHz	dB	35	46	-
905 ~ 915		MHz	dB	35	48	-
915 ~ 970		MHz	dB	38	46	-
Source impedance	Zs		Ω	-	50	-
Load impedance	ZL		Ω	-	50	-

Note1. No matching network required for operation at 50Ω

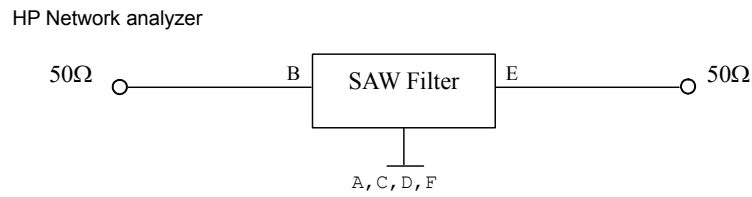
C. TRANSFER FUNCTION:



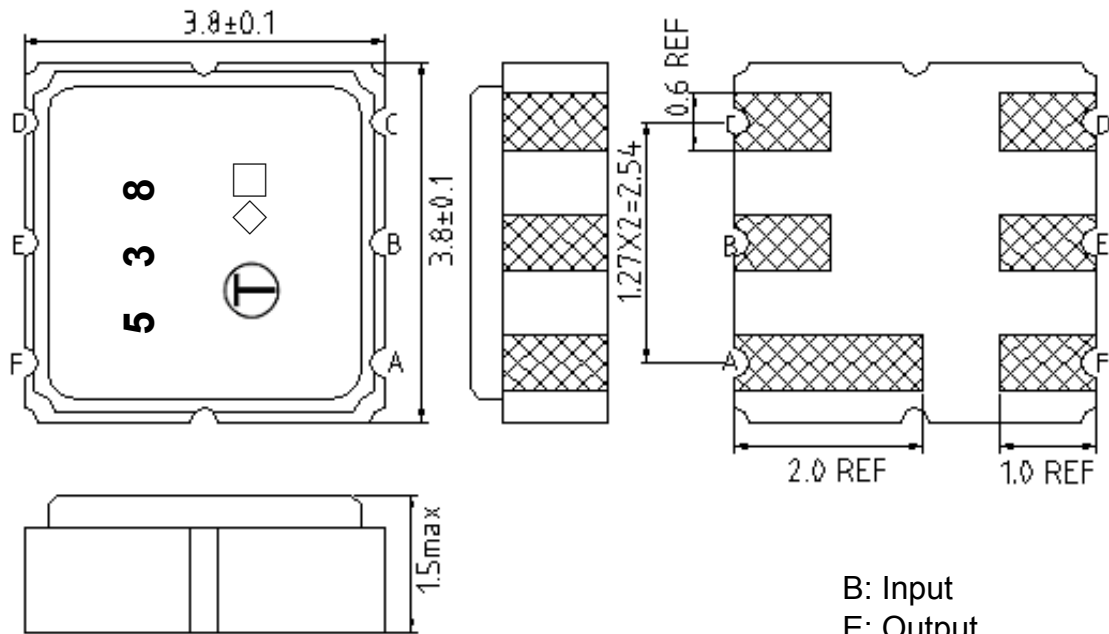
Wideband



D. MEASUREMENT CIRCUIT:

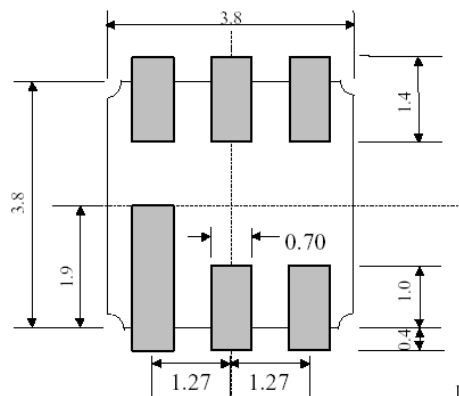


E.OUTLINE DRAWING:



B: Input
 E: Output
 A,C,D,F: Ground
 Unit : mm
 ◇: Year Code
 □ : Date code

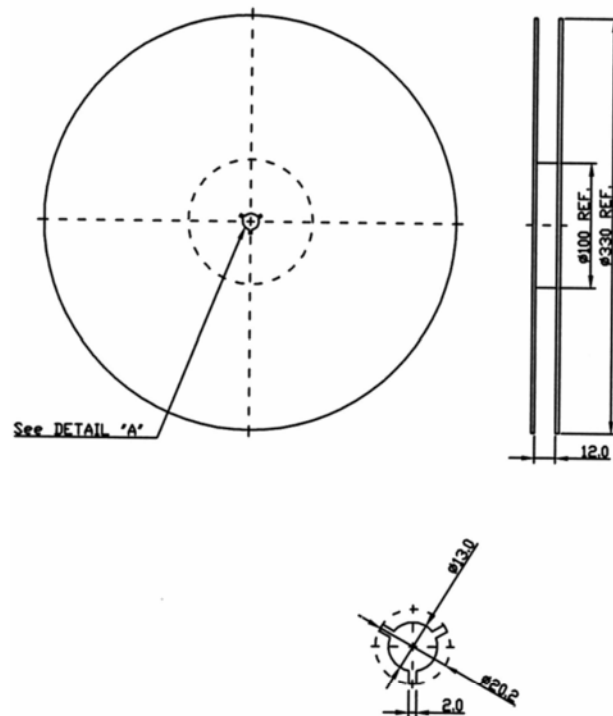
F. PCB FOOTPRINT:



Dimensions in mm

G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

