



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 869 MHz SMD 3.0x3.0 mm

TST Parts No.: TA0977A

Customer Parts No.: _____

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

Checked by: _____ David Chang 張閱智

Approval by: _____ Francis Chen 陳其

Date: _____ 2009/03/11



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SAW Filter 869 MHz

MODEL NO.: TA0977A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -30°C to +65°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

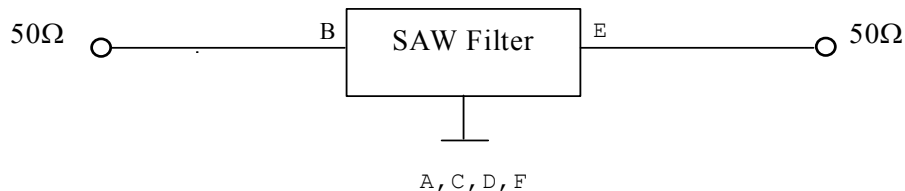
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Type.	Max.
Center frequency Fc	MHz	-	869	-
Insertion Loss 868~870 MHz IL	dB	-	2.7	3.5
Amplitude ripple 868~870 MHz	dB	-	0.2	1.5
Attenuation:(Reference level from 0 dB)				
DC ~ 828 MHz	dB	45	51	-
828 ~ 849 MHz	dB	30	40	-
881 ~ 890 MHz	dB	10	18	-
890 ~ 925 MHz	dB	22	38	-
925 ~ 1200 MHz	dB	40	49	-
1200 ~ 1740 MHz	dB	36	49	-
Source impedance Zs	Ω	-	50	-
Load impedance ZL	Ω	-	50	-

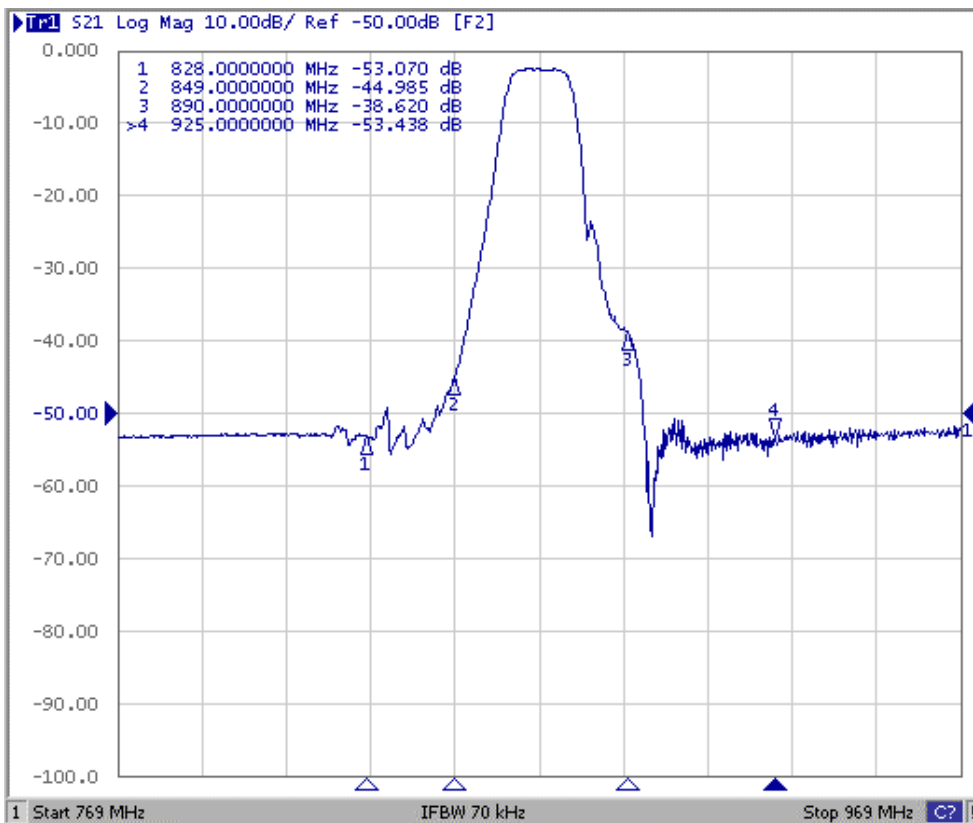
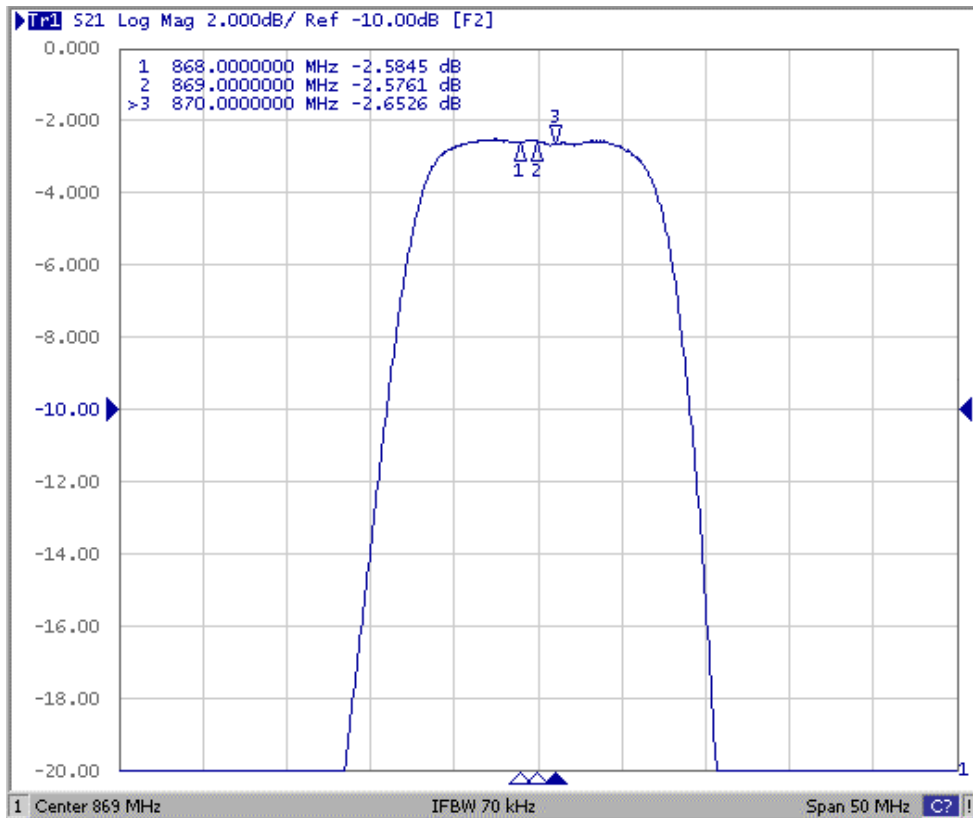
Note1: No matching network required for operation at 50 Ω.

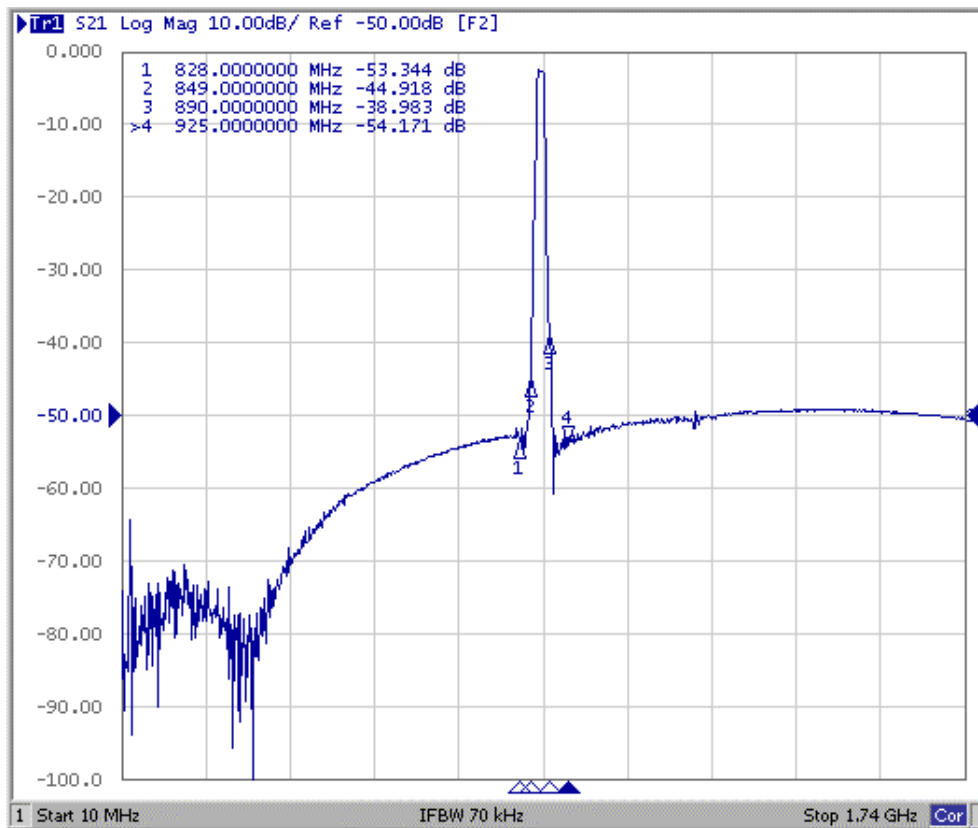
C. MEASUREMENT CIRCUIT:

HP Network analyzer

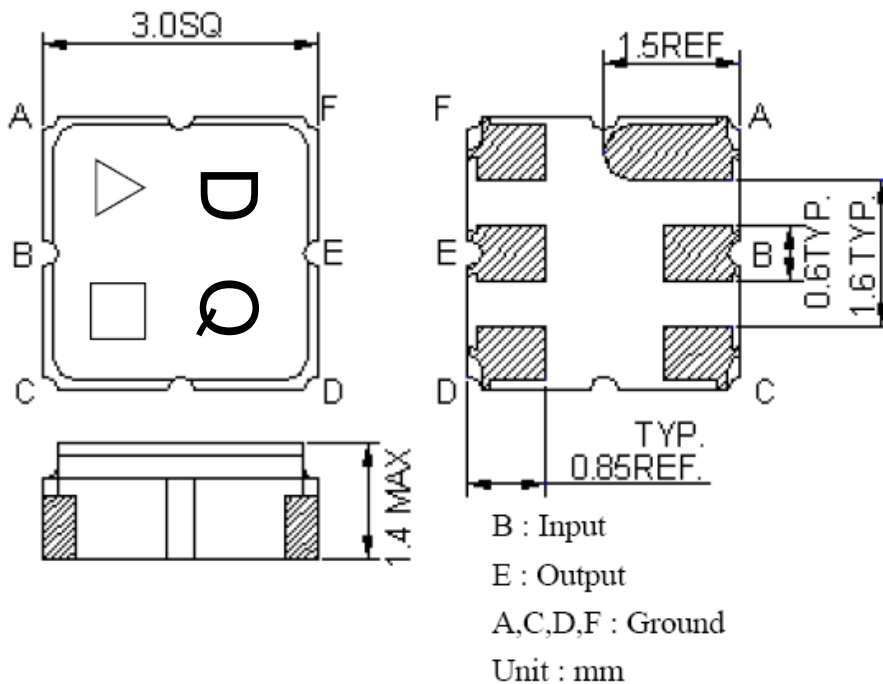


D. Frequency Characteristics :





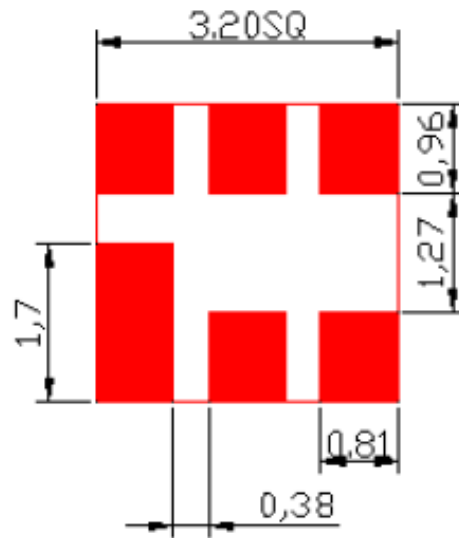
E.OUTLINE DRAWING:



△ : Year Code (2006->6, ..., 2009->9)

□ : Date Code (W01->A,W02->B,...W27->a,...,W52->z)

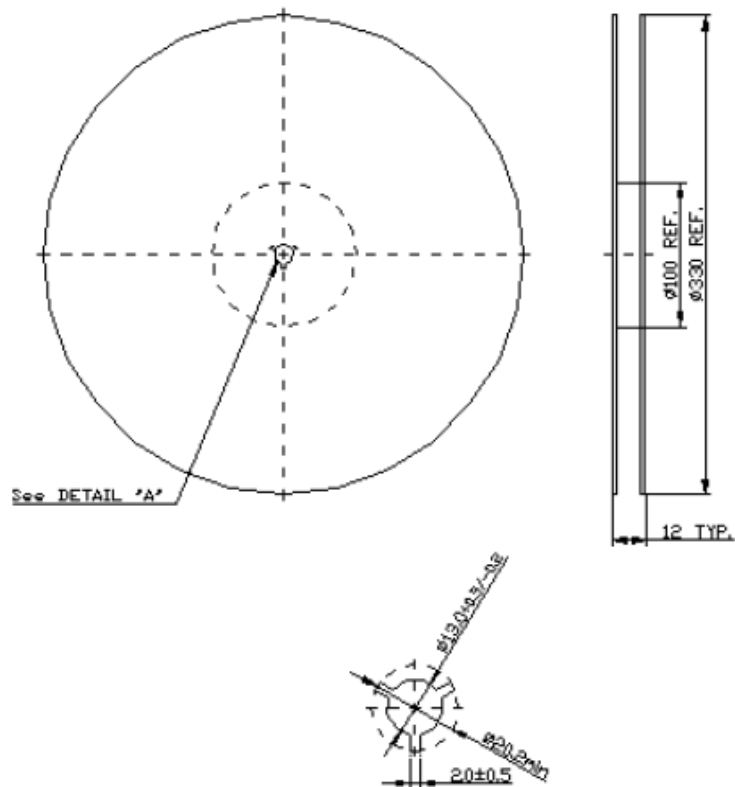
F. PCB FOOTPRINT:



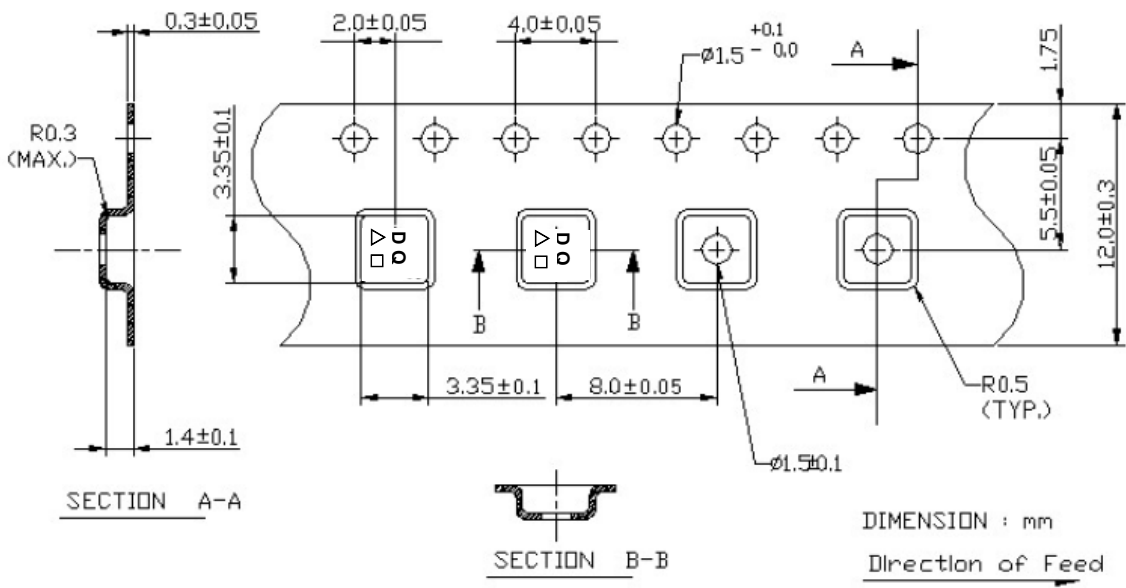
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7"=1000 ; 13"=3000 or per the request of customer order)



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

