



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 881.5MHz

TST Parts No.:TA0233A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2002/07/25



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SAW Filter 881.5 MHz

MODEL NO.: TA0233A

REV. NO.:3

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 0 V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -40°C to +85°C

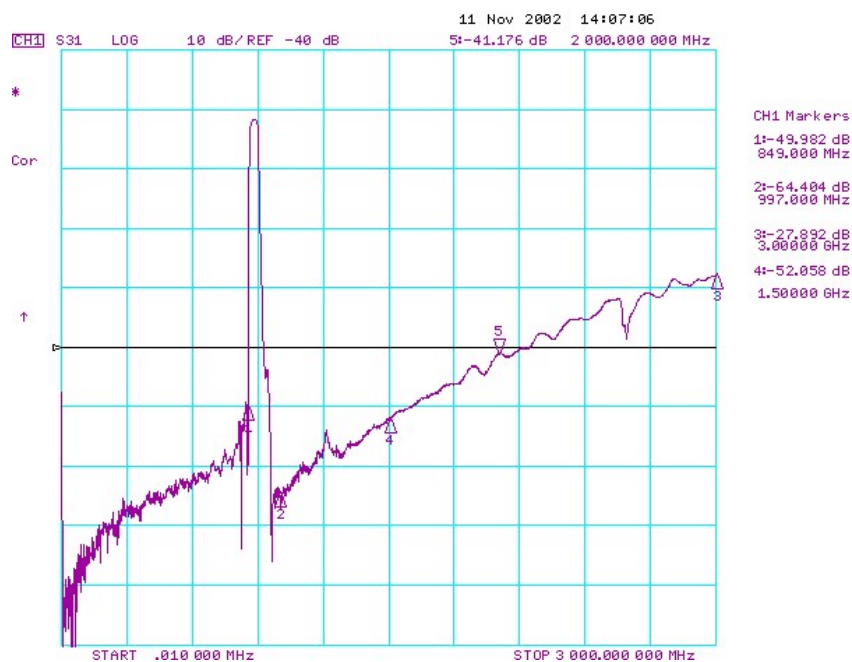
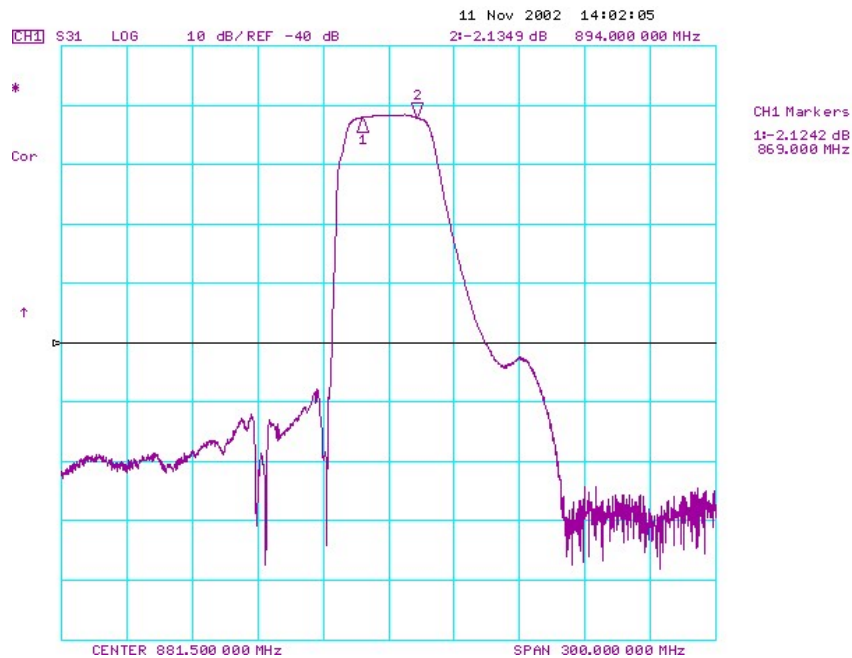
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Item				Min.	Typical	Max.
Center frequency		Fc	MHz	-	881.5	-
Insertion loss	869 ~ 894 MHz	IL	(dB)	-	2.3	3.0
Amplitude ripple	869 ~ 894 MHz		(dB)	-	0.8	1.5
Attenuation (Reference level from 0 dB)						
	D.C. ~ 824 MHz		(dB)	40	50	-
	824 ~ 849 MHz		(dB)	35	47	-
	970 ~ 997 MHz		(dB)	35	64	-
	997 ~ 1150 MHz		(dB)	40	60	
	1150 ~ 1500 MHz		(dB)	30	51	
	1500 ~ 2000 MHz		(dB)	25	41	
	2000 ~ 3000 MHz		(dB)	20	27	-
VSWR	869 ~ 894 MHz			-	1.6	2.0
Source impedance		Zs	(Ω)	-	50	-
Load impedance		ZL	(Ω)	-	50	-

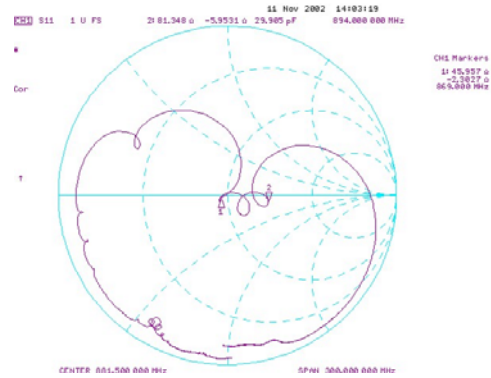
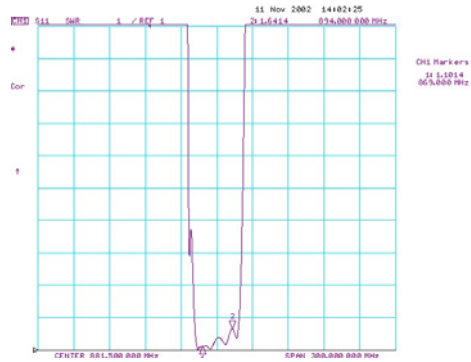
Note1. No matching network required for operation at 50 Ω

C. Frequency Characteristics :

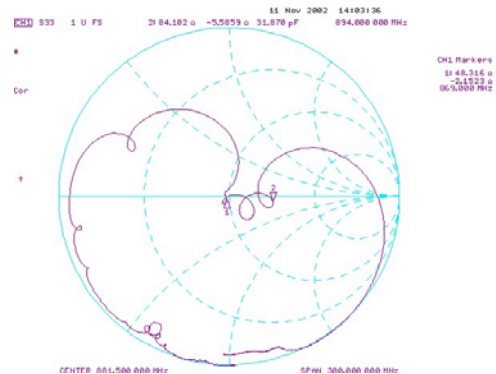
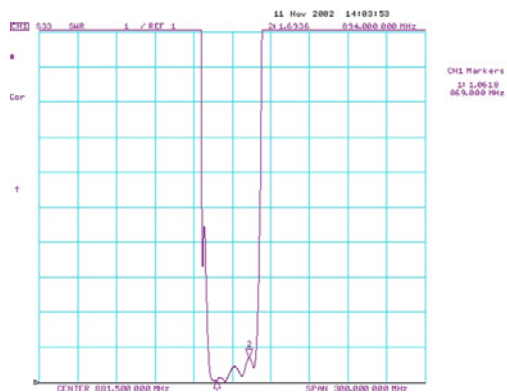


D.Reflections Functions :

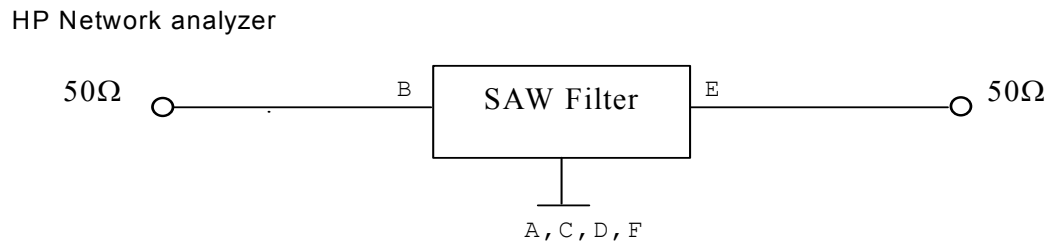
S11:



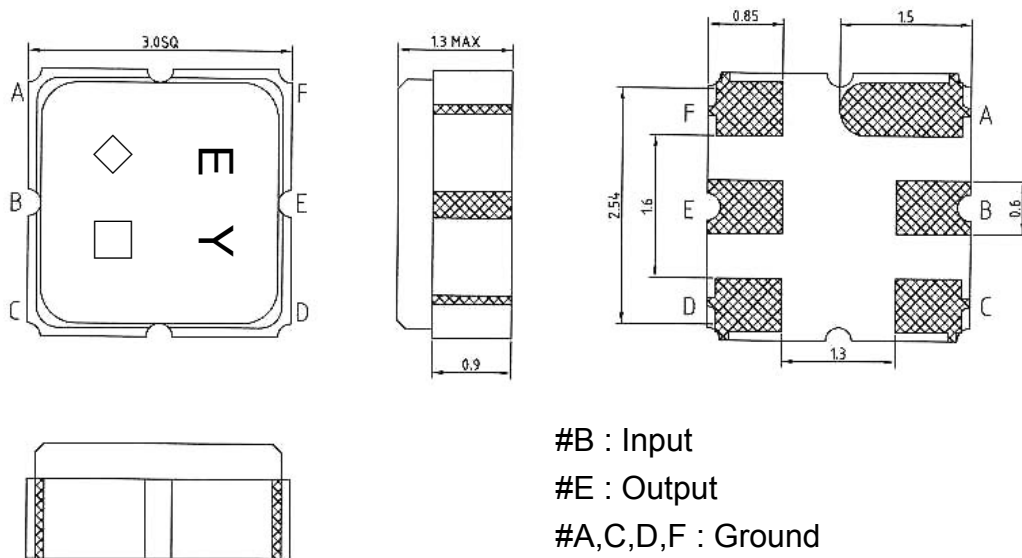
S22:



E. MEASUREMENT CIRCUIT:



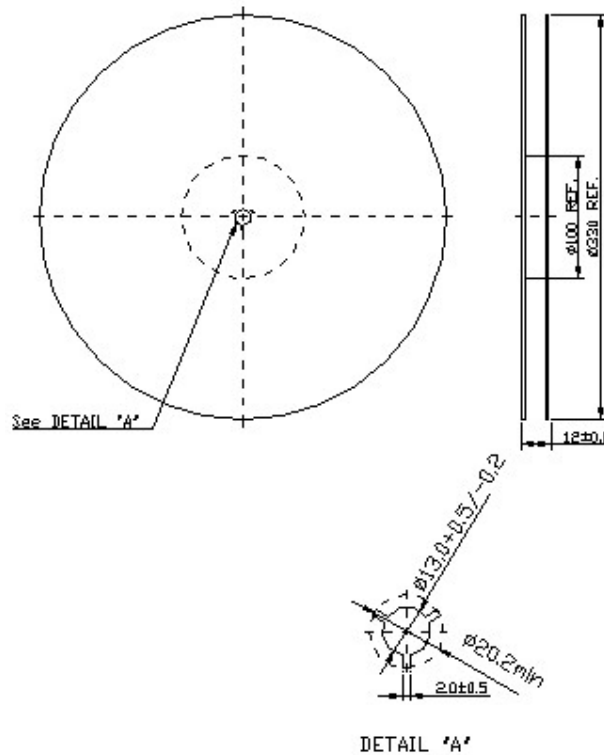
E.OUTLINE DRAWING:



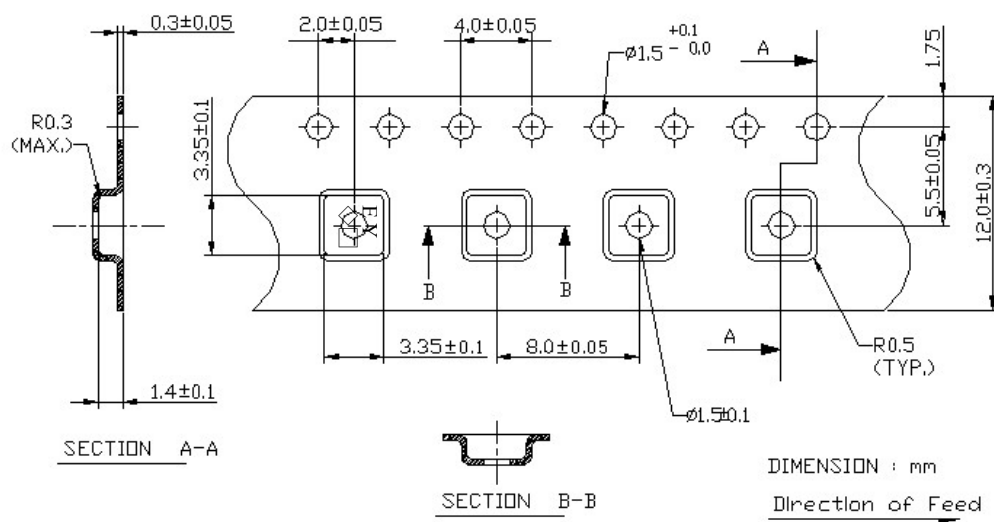
#B : Input
 #E : Output
 #A,C,D,F : Ground
 ◇ : Year Code
 □ : Date Code
 Unit: mm

F. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION



Note :

1. Pocket position relative to sprocket hole measured as true position of pocket, not pocket hole.