



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 915MHz SMD 3.0x3.0 mm

TST Parts No.:TA0495A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2005/07/01



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SAW Filter 915 MHz

MODEL NO.: TA0495A

REV. No.: 1

A. MAXIMUM RATING:

1. Input Power Level: 15 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -30°C ~ +85°C
4. Storage Temperature: -40°C ~ +85°C

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Singled to Balanced operation

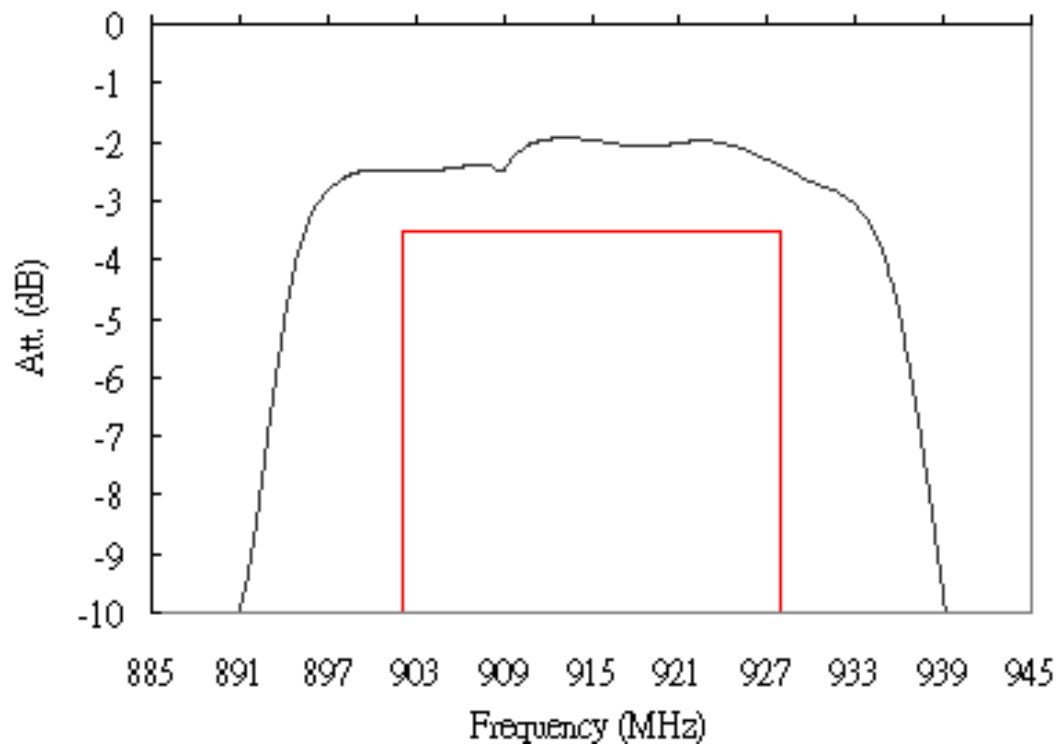
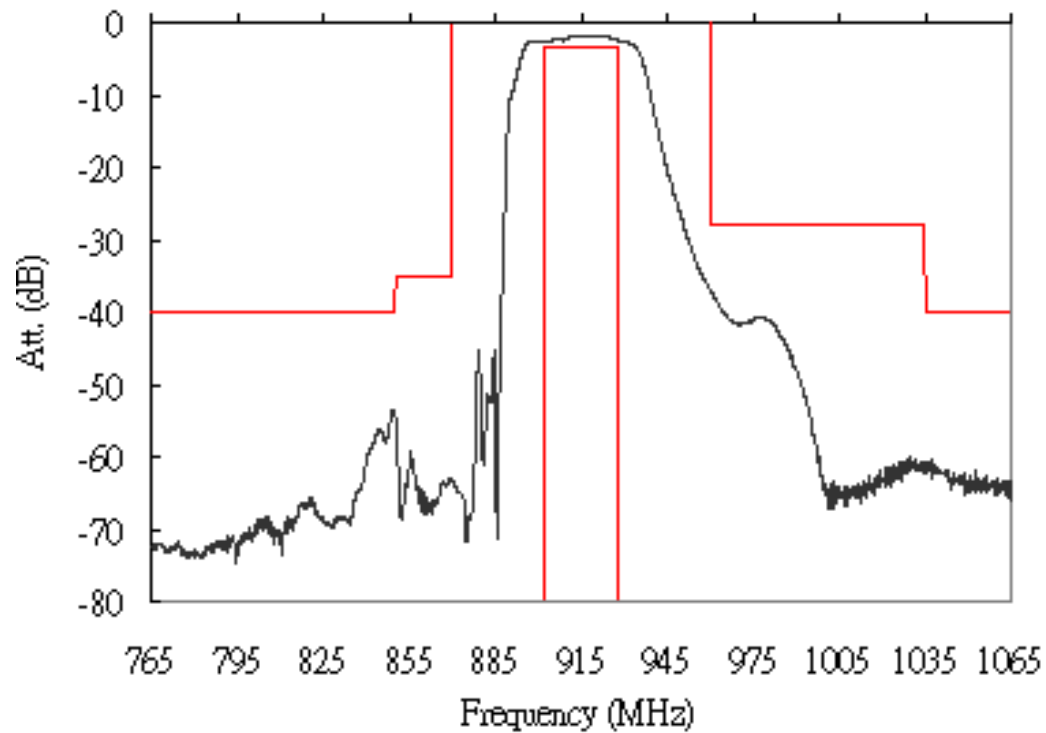
Terminating source impedance : $Z_s = 800 \Omega$ add matching circuit

Terminating load impedance : $Z_L = 50 \Omega$

Item			Value			Unit
			Min.	Typ.	Max.	
Center frequency	F_C		-	915	-	MHz
Insertion loss	902~928 MHz	I.L.	-	2.5	3.5	dB
Ripple	902~928 MHz		-	0.5	2.0	dB
VSWR	902~928 MHz		-	1.75	2.4	
Attenuation:(Reference level from 0 dB)						
0 ~ 850	MHz		40	54	-	dB
850 ~ 870	MHz		35	54	-	dB
960 ~ 1035	MHz		28	36	-	dB
1035 ~ 1500	MHz		40	57	-	dB
1500 ~ 3000	MHz		30	56	-	dB

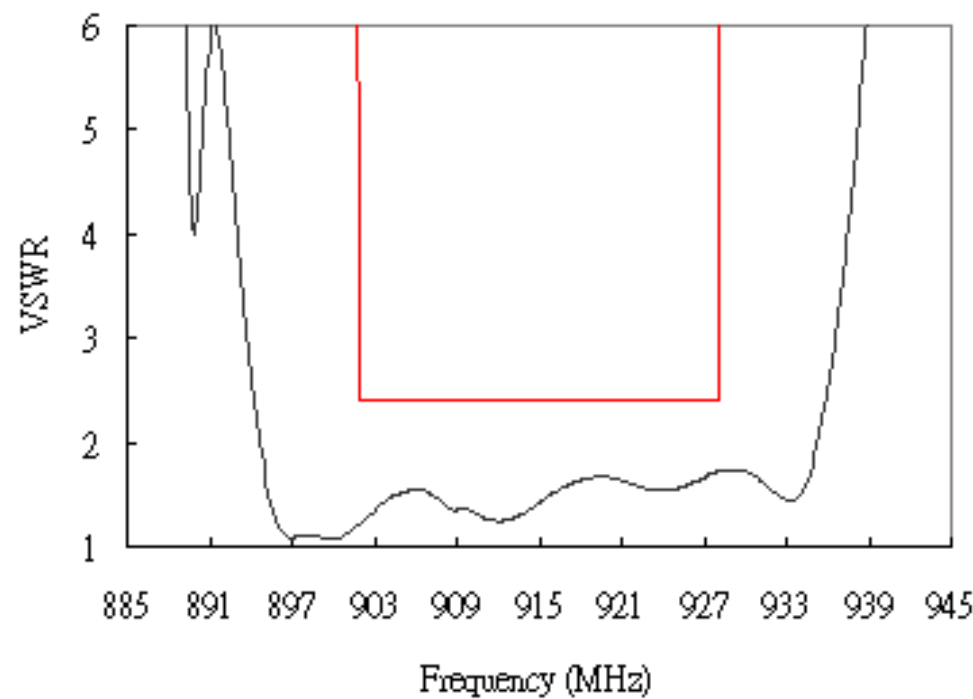
C. Frequency Characteristics :

Transfer Function

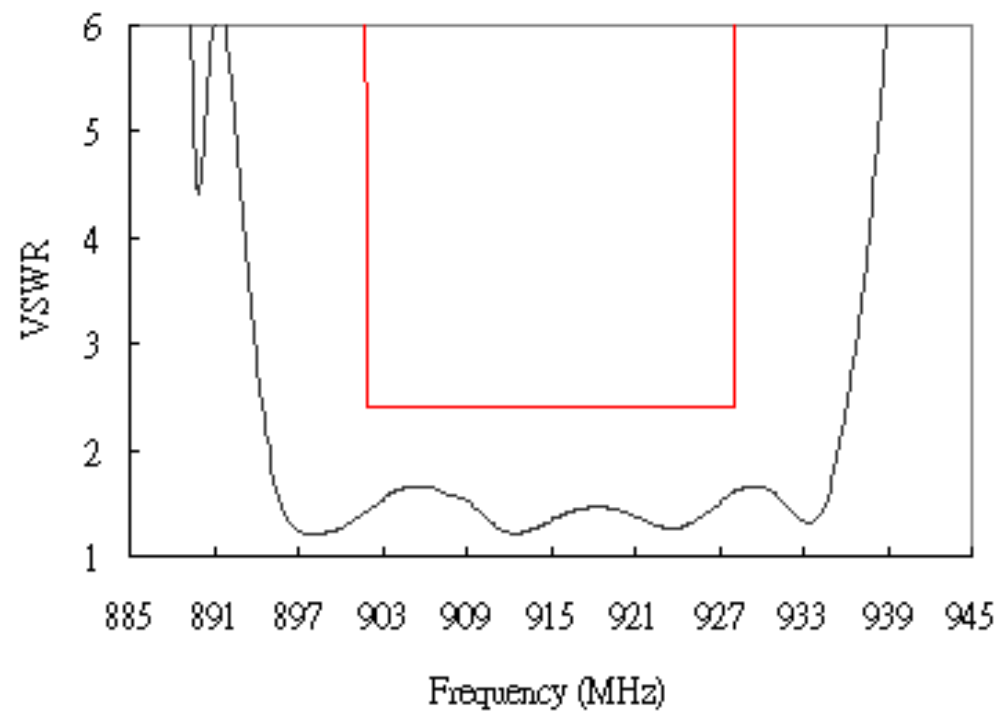


Reflection Function

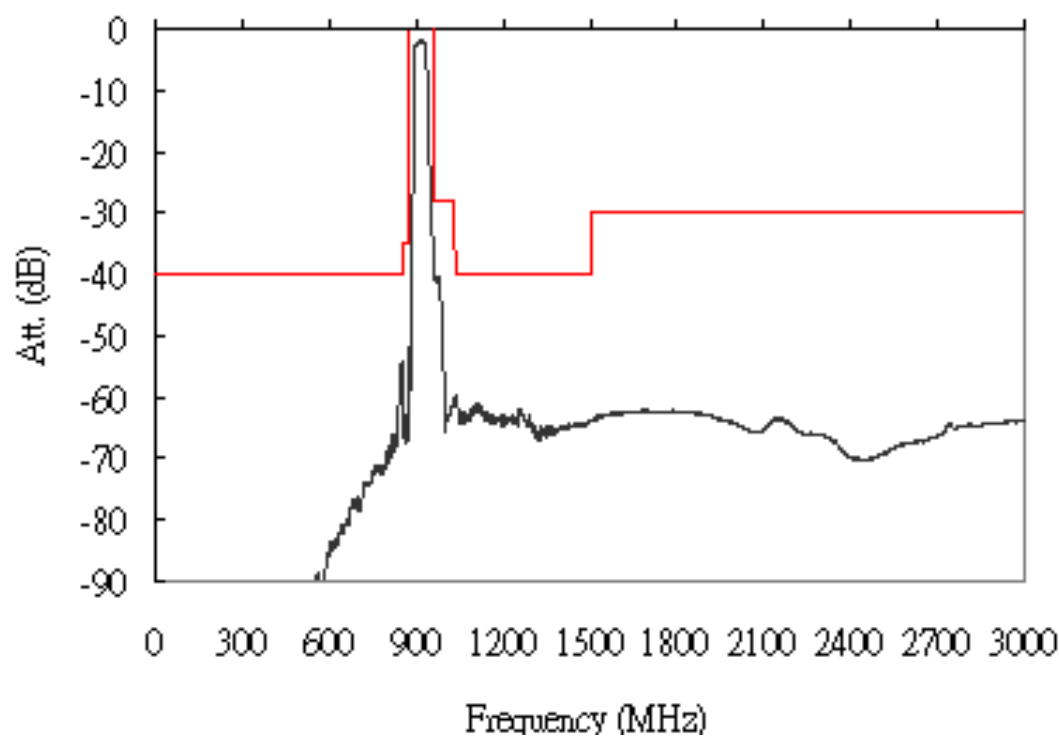
Sdd11



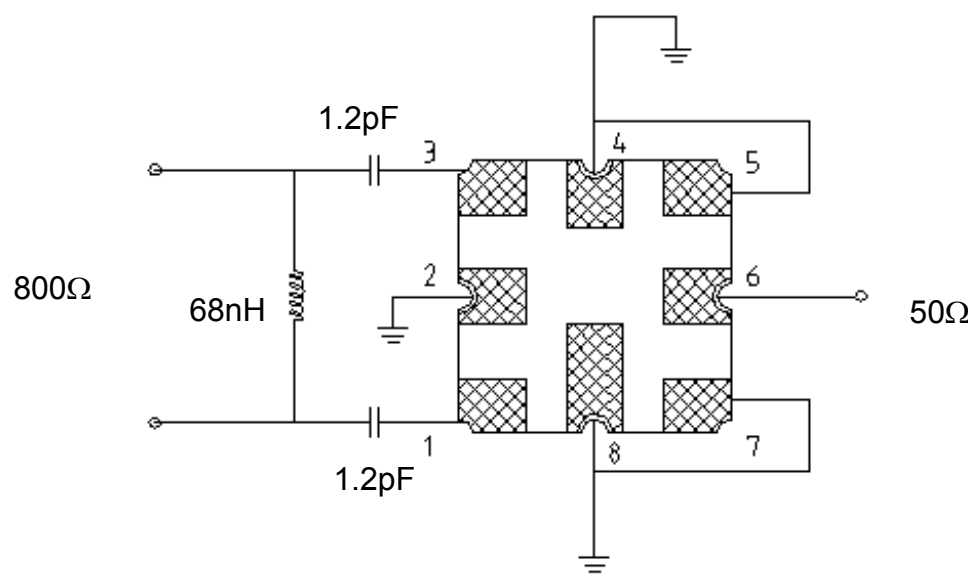
Sss22



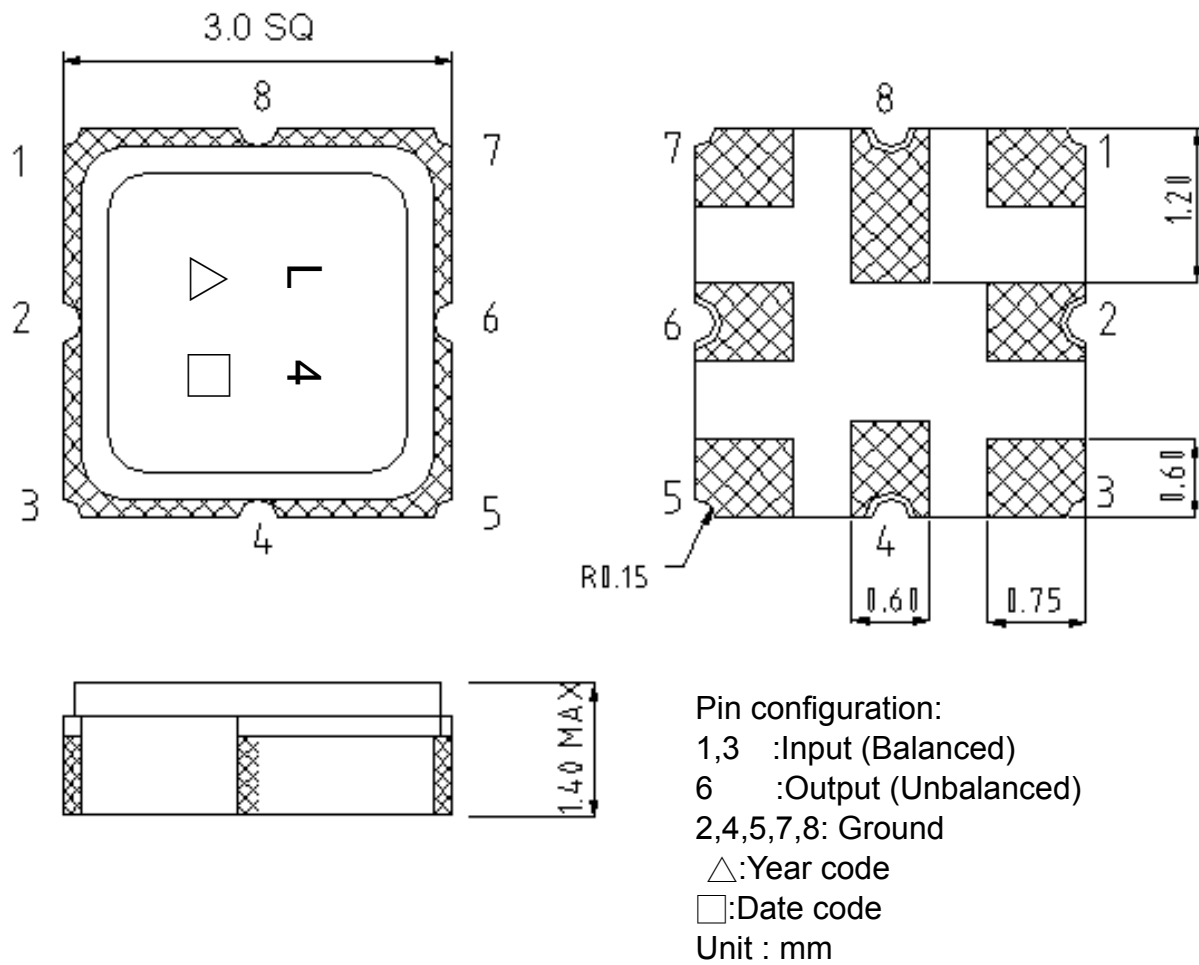
Wideband



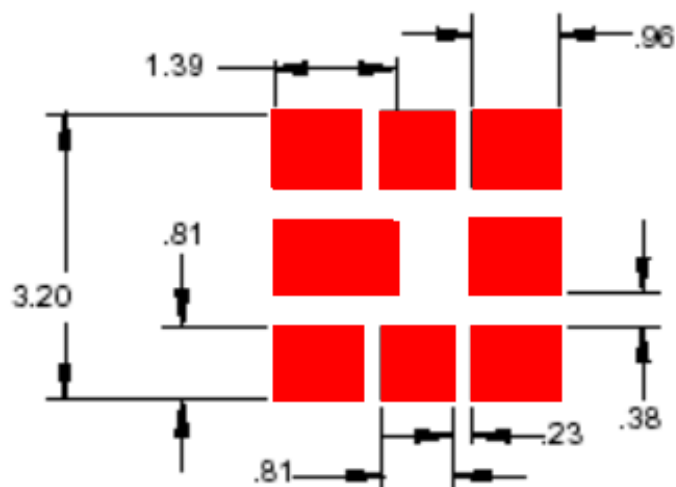
D. MEASUREMENT CIRCUIT:



E.OUTLINE DRAWING:

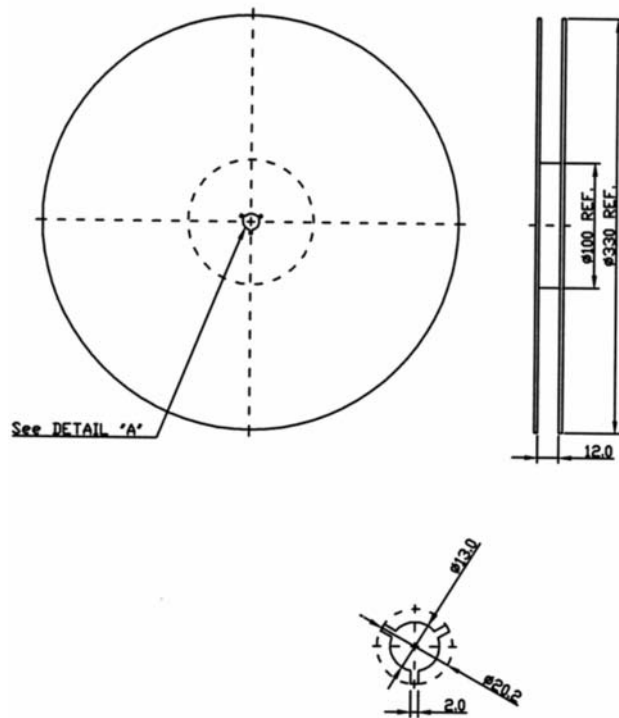


F. PCB FOOTPRINT:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

