



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 1330MHz SMD 3.0x3.0mm

TST Parts No.:TA0375A

Customer Parts No.:_____

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

Checked by: _____ Elvis Chiu

Approval by: _____ Vincent Lee

Date: _____ 2004/08/26



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SAW Filter 1330 MHz

MODEL NO.: TA0375A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 3V
3. Operating Temperature: -25°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

Balanced to balanced operation

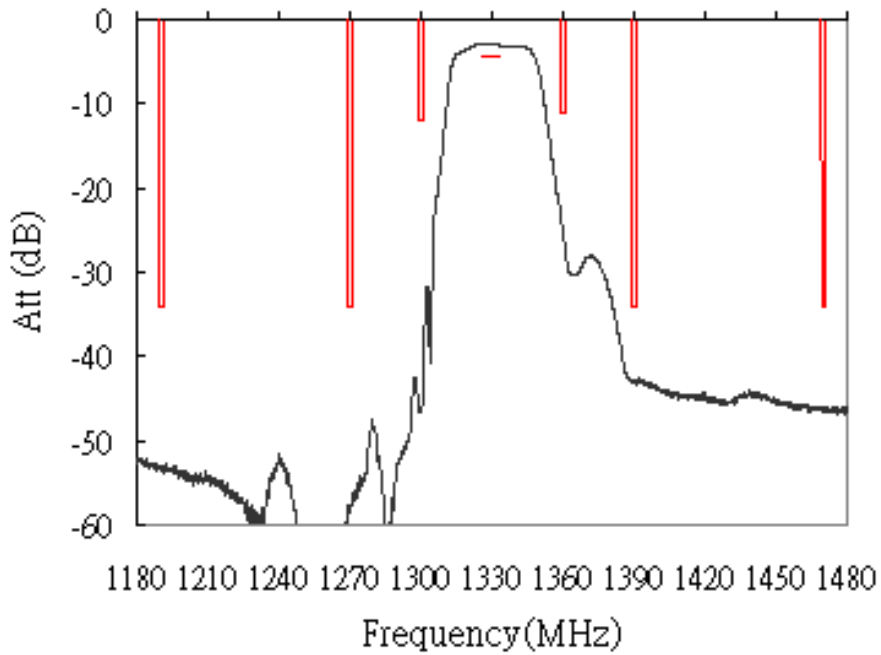
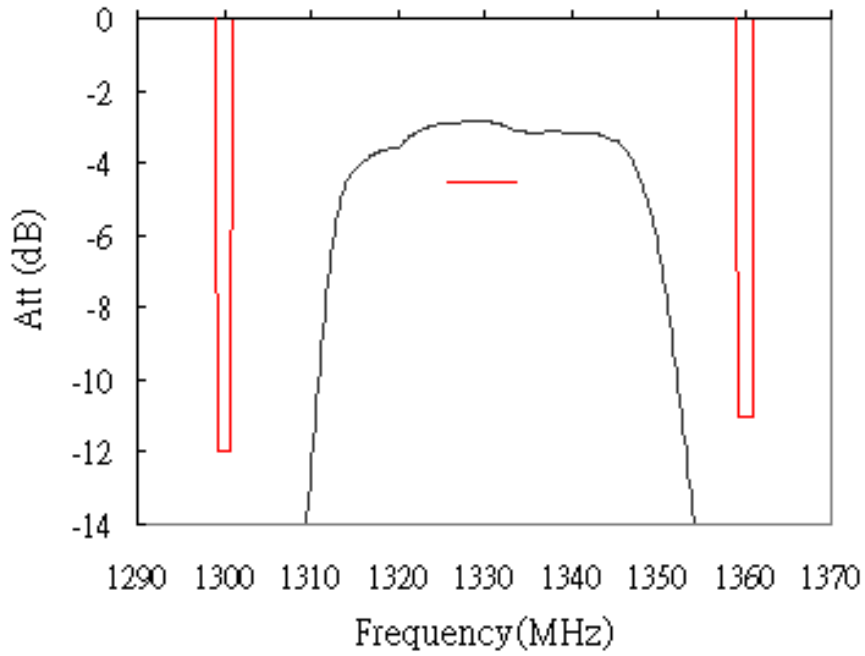
Terminating source impedance: $Z_S=100\Omega$

Terminating load impedance: $Z_L=100\Omega$

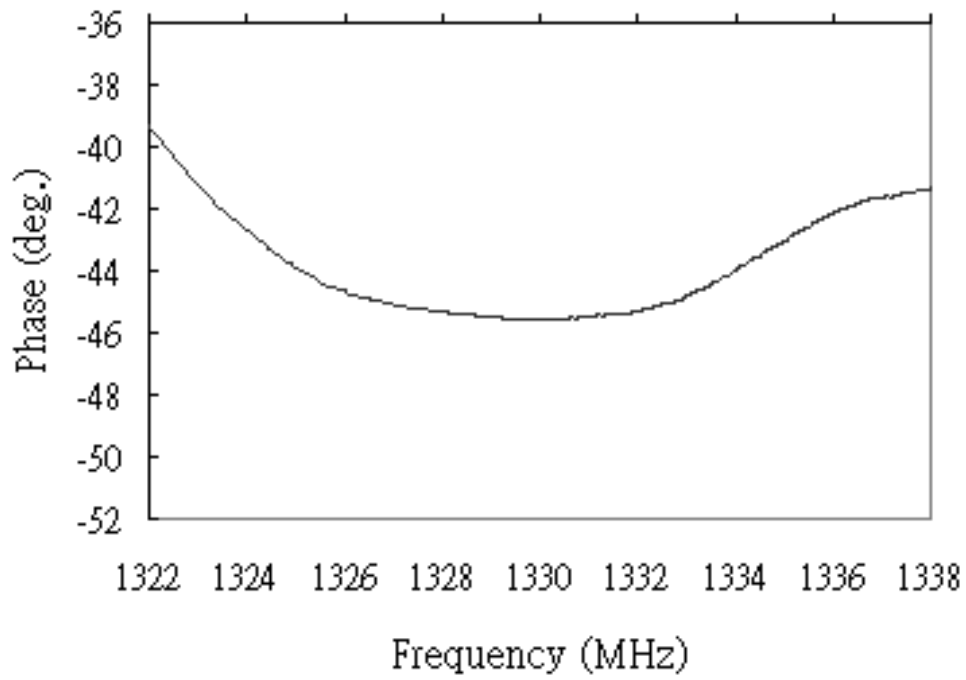
Item		Specification			
		Unit	Min.	Typ.	Max.
Center Frequency	Fc	MHz	-	1330	-
Insertion Loss	1326~1334 MHz	dB	-	3.2	4.5
Absolute Group delay	1330 MHz	ns		34	60
Group delay variation	Fc±4 MHz	ns		8	35
Phase variation	Fc±4 MHz	Deg		4	25
Amplitude ripple (p-p)	Fc±4 MHz	dB		0.5	2.0
Rejection (referent to IL)					
Fc-30	MHz	dB	8	29	-
Fc+30	MHz	dB	7	18	-
Fc-60	MHz	dB	30	52	-
Fc+60	MHz	dB	30	38	-
Fc-140	MHz	dB	30	47	-
Fc+140	MHz	dB	30	42	-
Fc-250	MHz	dB	35	44	-
Fc+250	MHz	dB	35	44	-

C. Frequency Characteristics :

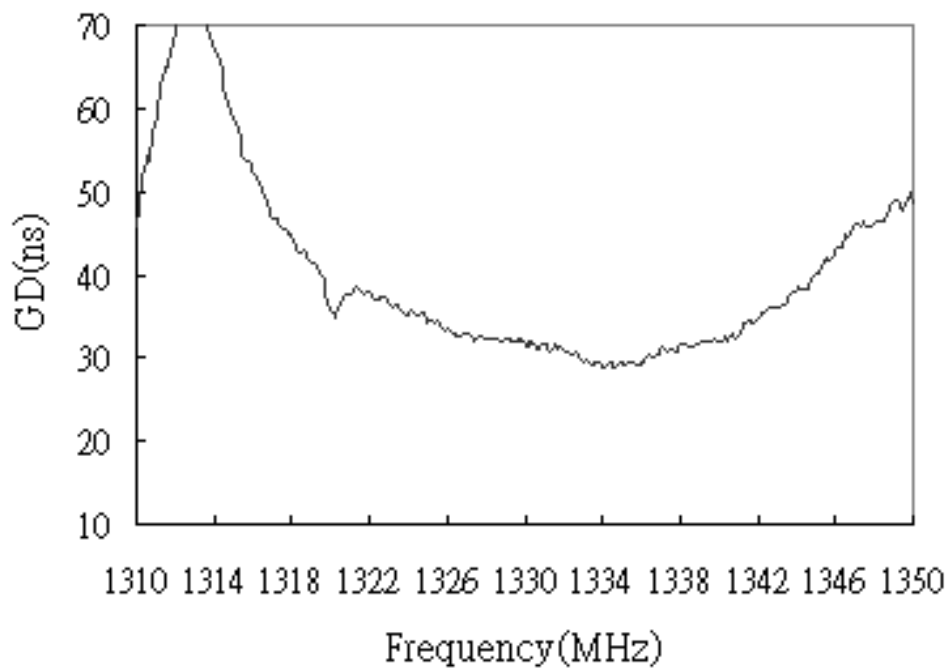
Transfer Function



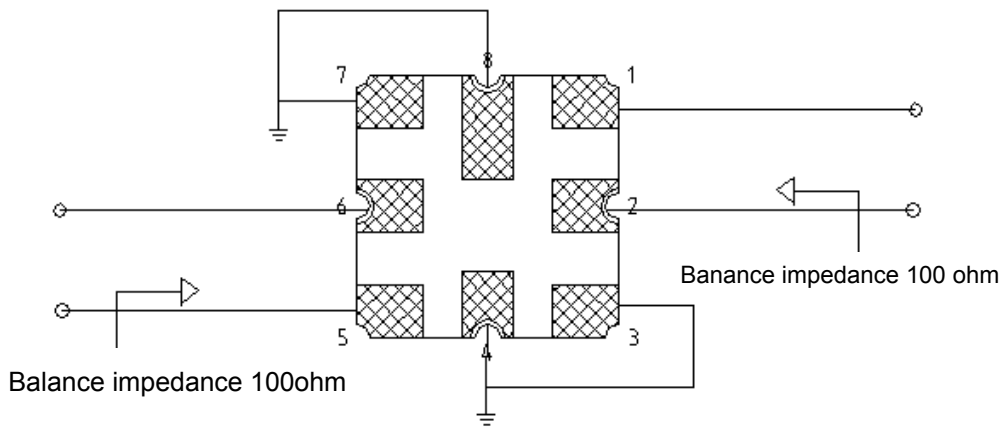
Phase Variation:



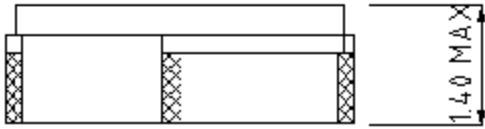
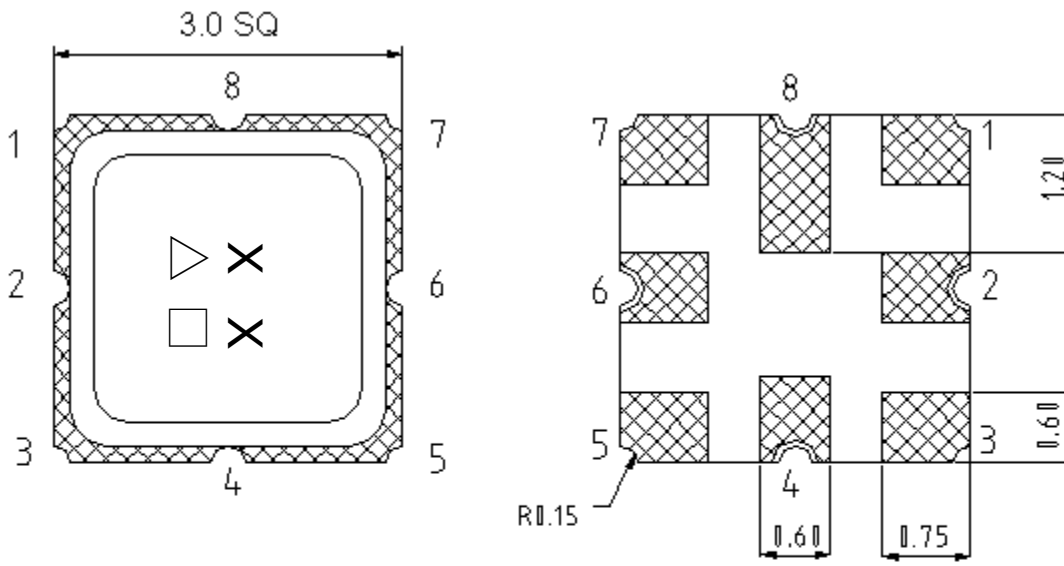
Group Delay:



D. MEASUREMENT CIRCUIT:



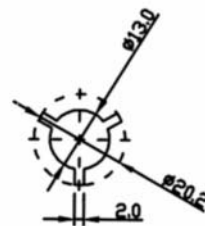
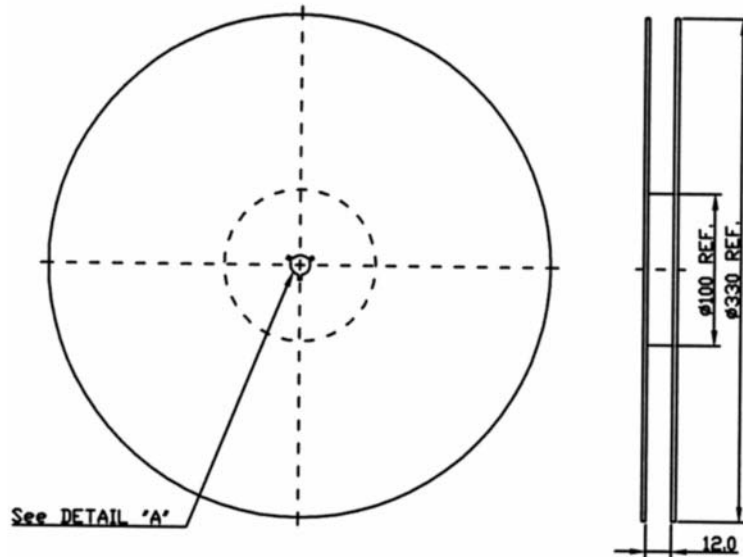
E. OUTLINE DRAWING:



Pin 1,2 : Balanced Input
 Pin 5,6 : Balanced Output
 P3,4,7,8 : Ground
 △ : Year Code
 □ : Date Code
 Unit : mm

G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

