



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: Apr, 9, 2008

Product Name: SAW Filter 1300 MHz SMD 3.0x3.0 mm

TST Parts No.:TA0840A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____ Bob Chau

Approval by:_____ Francis Chen

Date:_____ 4, 9, 2008



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SAW Filter 1300 MHz

MODEL NO.:TA0840A

REV. NO.:1

A. MAXIMUM RATING:

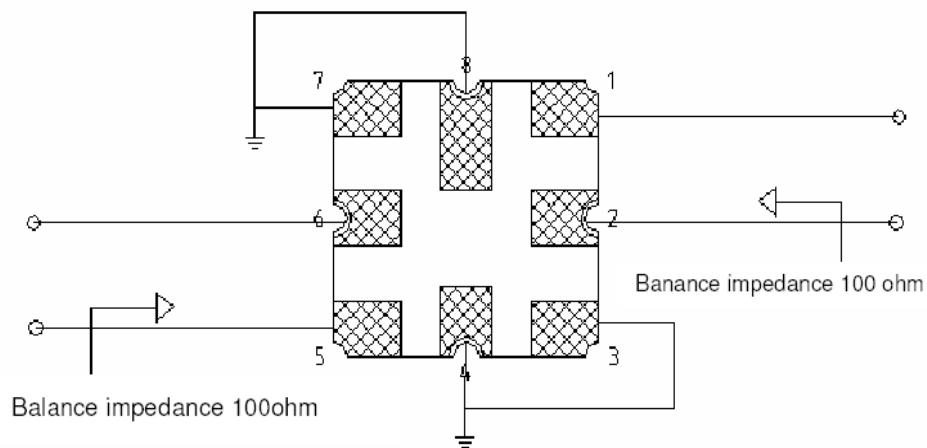
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -25°C to +85°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

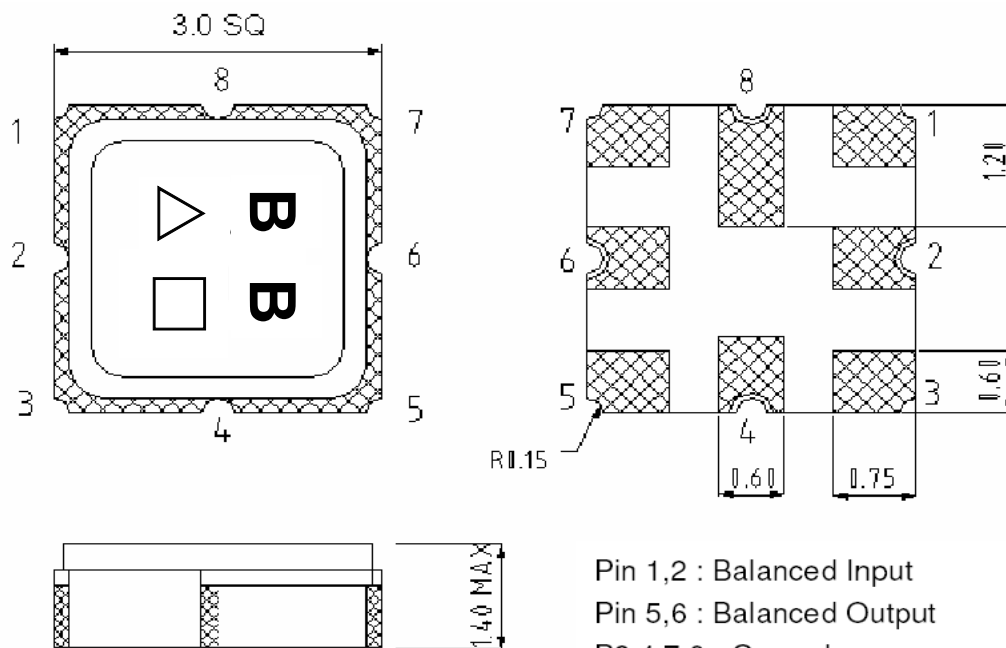
B. ELECTRICAL CHARACTERISTICS:

Item	Unit	Min.	Typ.	Max.
Center frequency Fc	MHz	-	1300	
Insertion loss (1296~1304 MHz) IL	dB	-	2.9	4.5
Absolute Group delay at 1300 MHz	ns	-	33	60
Group delay variation (1296~1304 MHz)	ns	-	4	15
Phase variation (1296~1304 MHz)	Deg	-	2.2	25
Amplitude ripple (1296~1304 MHz)	dB	-	0.3	1.5
Attenuation (Referent to IL)				
Fc - 30 MHz	dB	10	31	-
Fc + 30 MHz	dB	10	26	-
Fc - 60 MHz	dB	30	57	-
Fc + 60 MHz	dB	30	39	-
Fc - 140 MHz	dB	35	47	-
Fc + 140 MHz	dB	35	42	-
Fc - 250 MHz	dB	35	44	-
Fc + 250 MHz	dB	35	43	-
Source impedance Zs	Ω	100		
Load impedance Zl	Ω	100		

C. MEASUREMENT CIRCUIT :

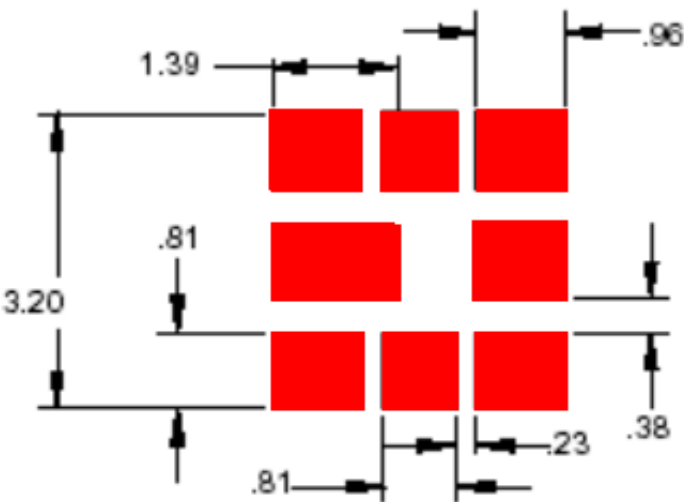


D. OUTLINE DRAWING :

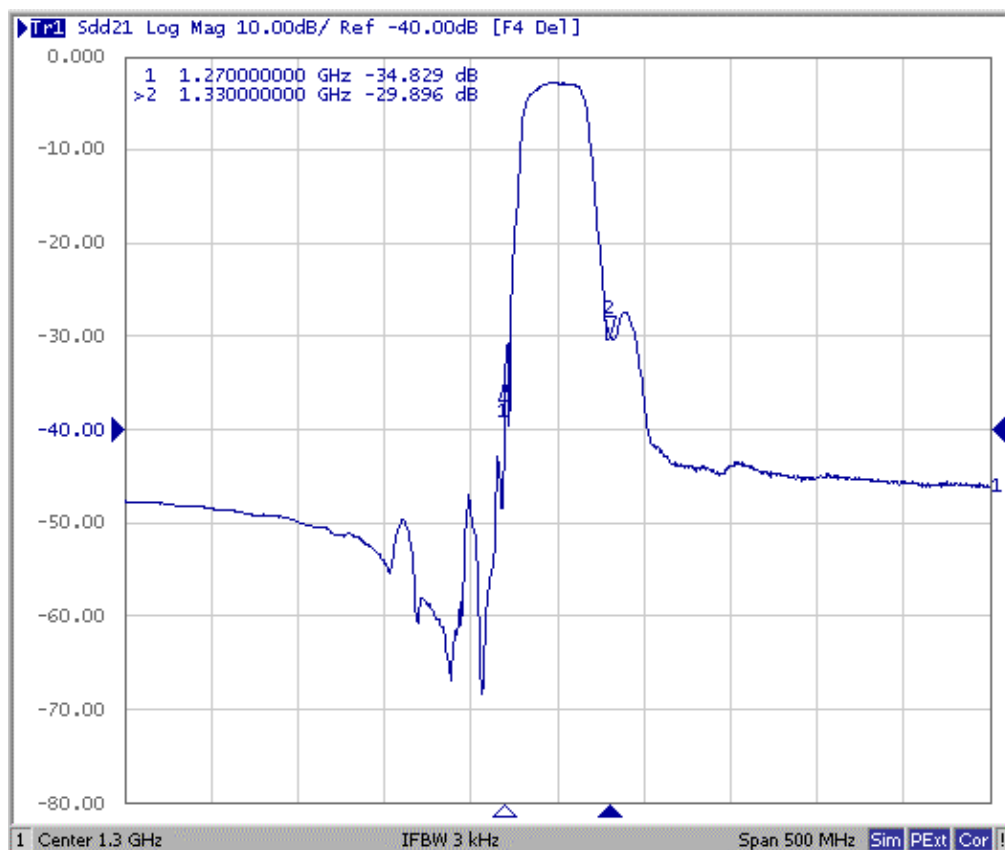
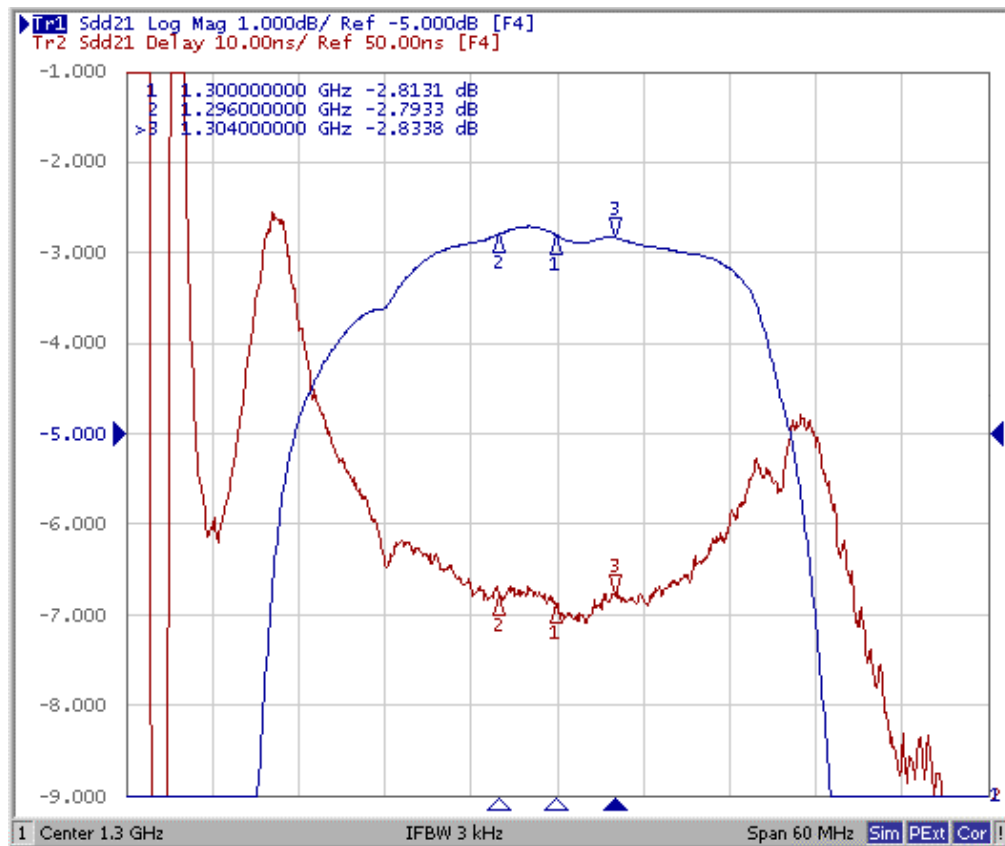


Pin 1,2 : Balanced Input
 Pin 5,6 : Balanced Output
 P3,4,7,8 : Ground
 ◇ : Year Code
 □ : Date Code
 Unit : mm

E. PCB Footprint:

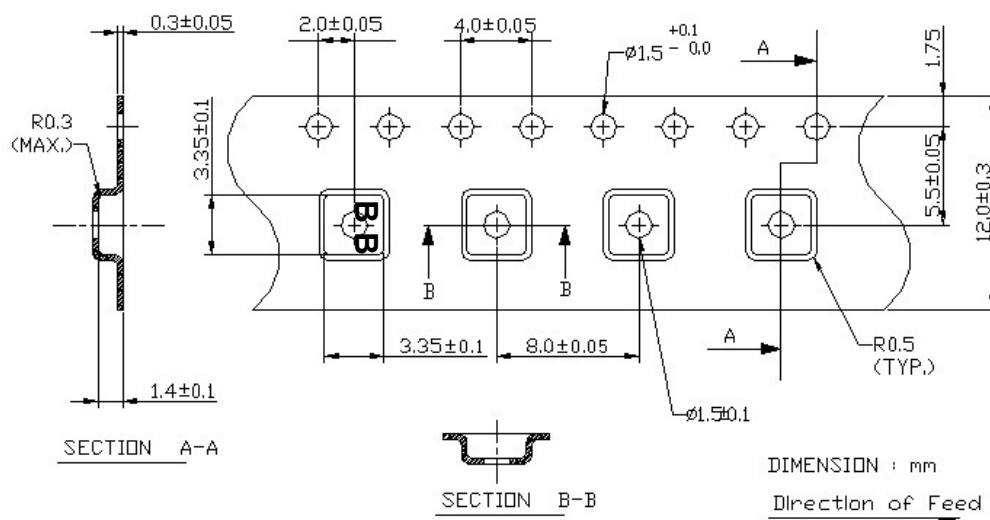


F. Frequency Characteristics :



1. REEL DIMENSION

2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

