



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: Aug, 4, 2008

Product Name: SAW Filter 2245 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0880A

Customer Parts No.: _____

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

Checked by: _____ Bob Chau

Approval by: _____ Francis Chen

Date: _____ 8, 4, 2008



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SAW Filter 2245 MHz

MODEL NO.:TA0880A

REV. NO.:1

A. MAXIMUM RATING:

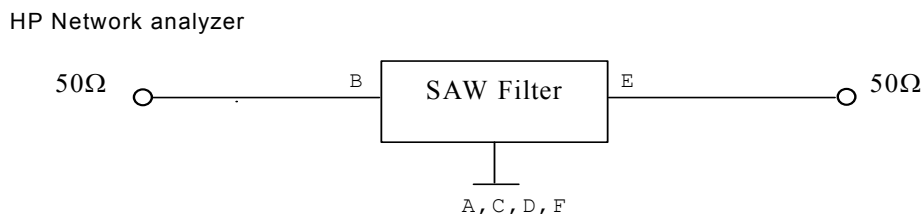
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

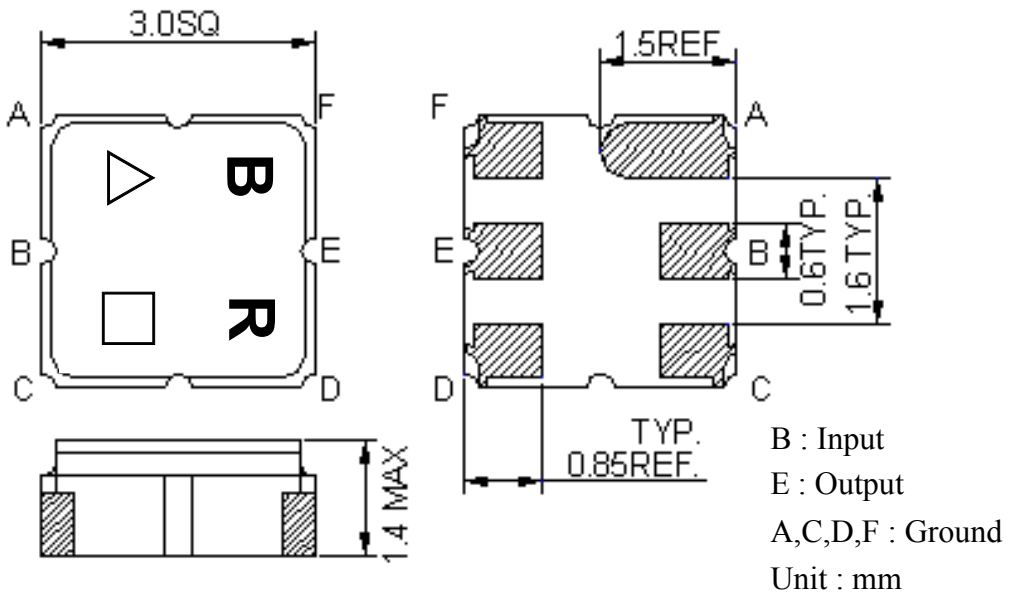
B. ELECTRICAL CHARACTERISTICS: (at 25 °C)

Item	Unit	Min.	Type.	Max.	Note
Center Frequency	Fc	MHz	-	2245	-
Insertion Loss (2215 ~ 2275 MHz)	IL	dB	-	4.7	6
Bandwidth at -3 dB level	BW3	MHz	90	95	-
Amplitude Ripple (2215 ~ 2275 MHz)		dB	-	1.1	2.5
VSWR (2215~2275 MHz)		dB	-	1.7	2.3
Group delay ripple (2215~2275MHz)		ns	-	5	15
Attenuation (Reference level from 0 dB)					
2025~2100 MHz	dB	30	50	-	-
2375~2490 MHz	dB	20	43	-	-

C. MEASUREMENT CIRCUIT:

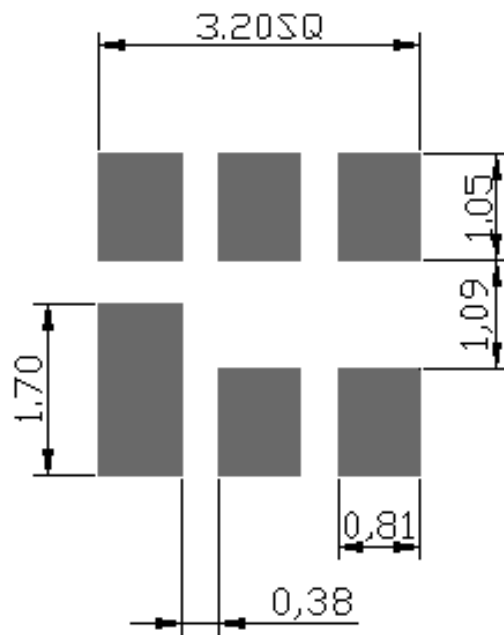


D.OUTLINE DRAWING:

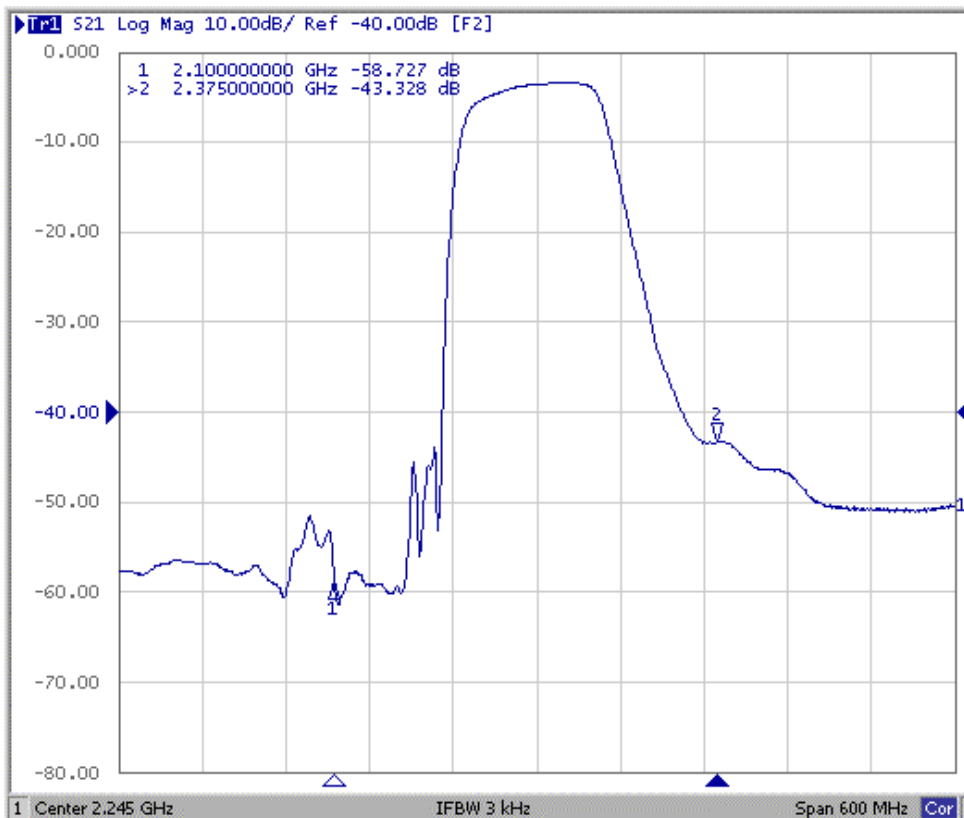
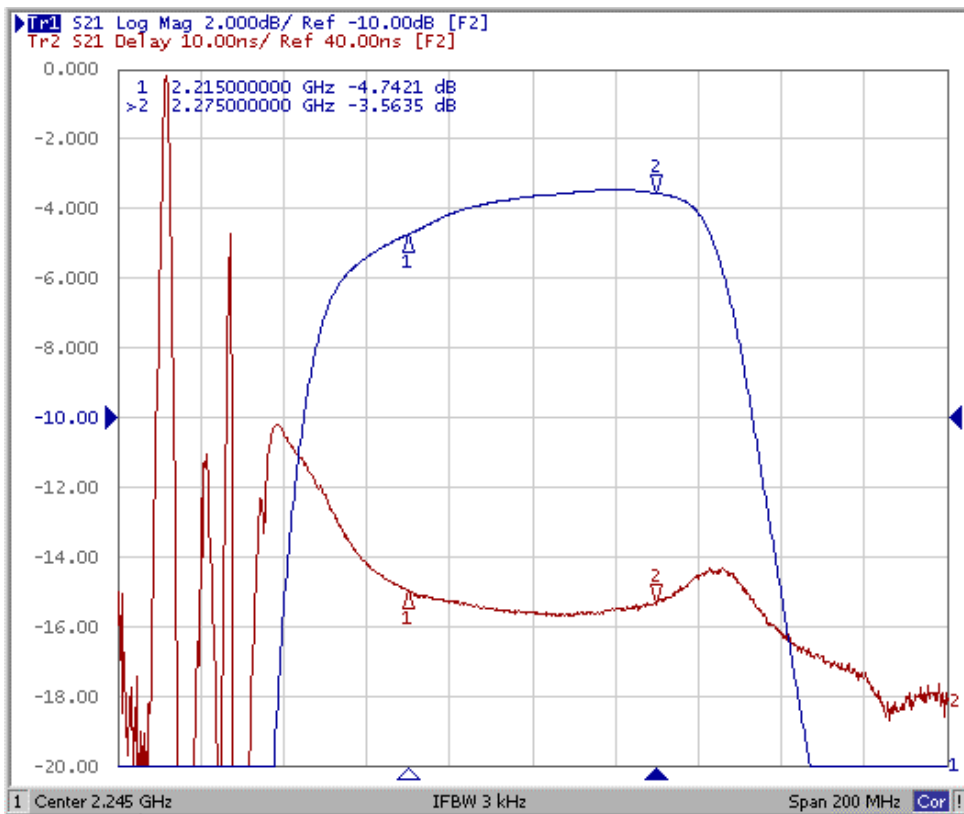


- △ : Year Code (2006->6, ..., 2009->9)
- : Date Code (W01->A, W02->B,...W52->z)

E. PCB Footprint:

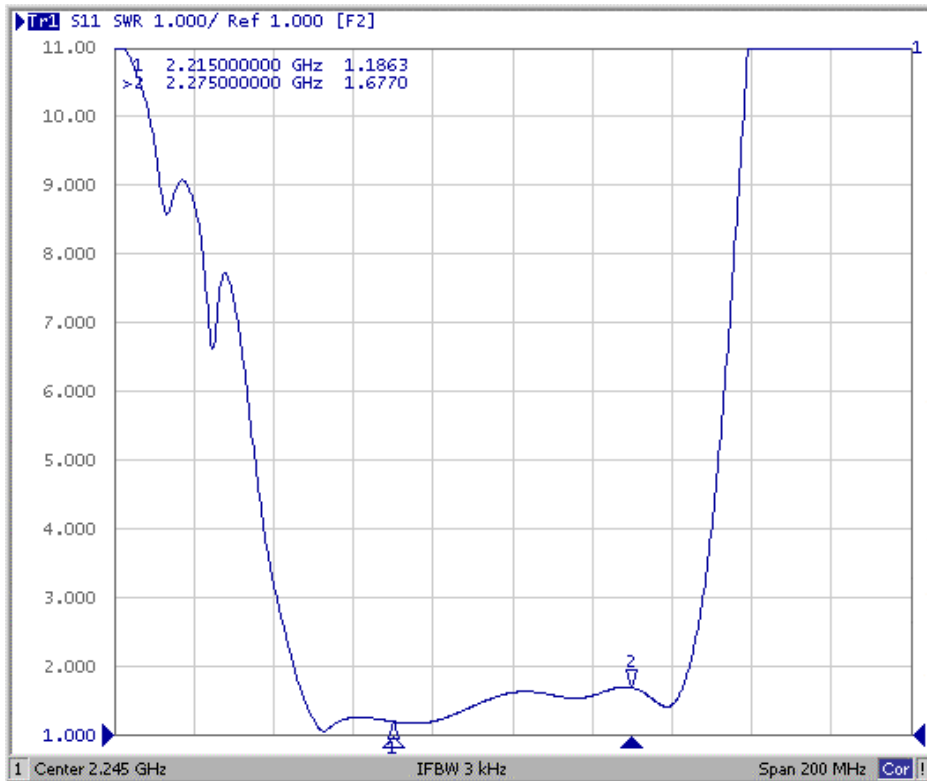


F. Frequency Characteristics :

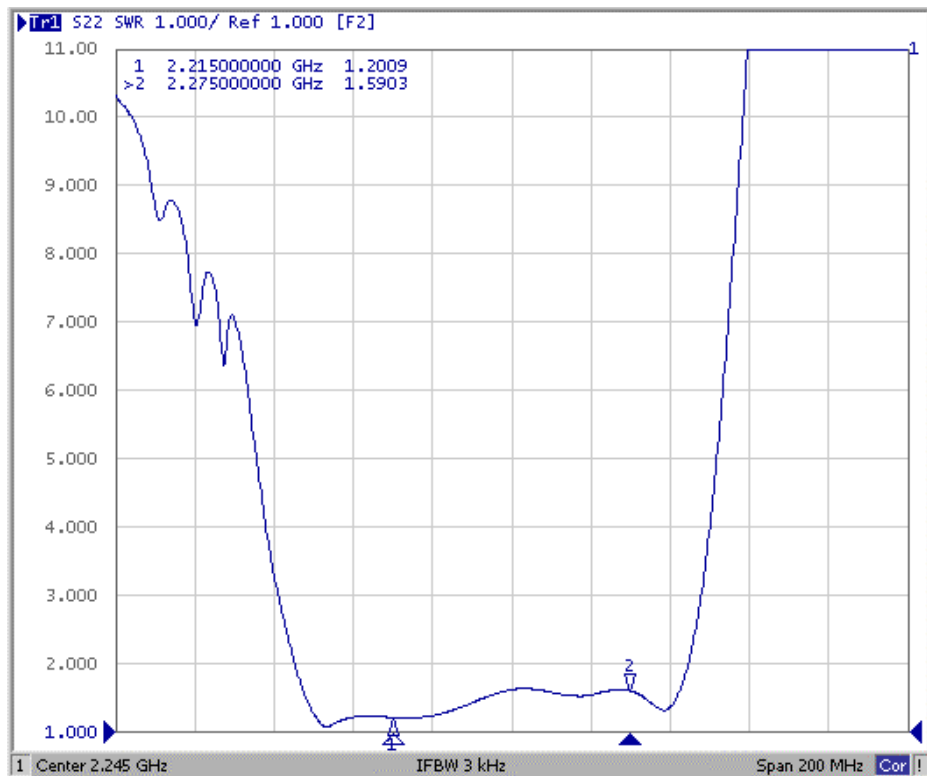


Reflection Functions :

S11



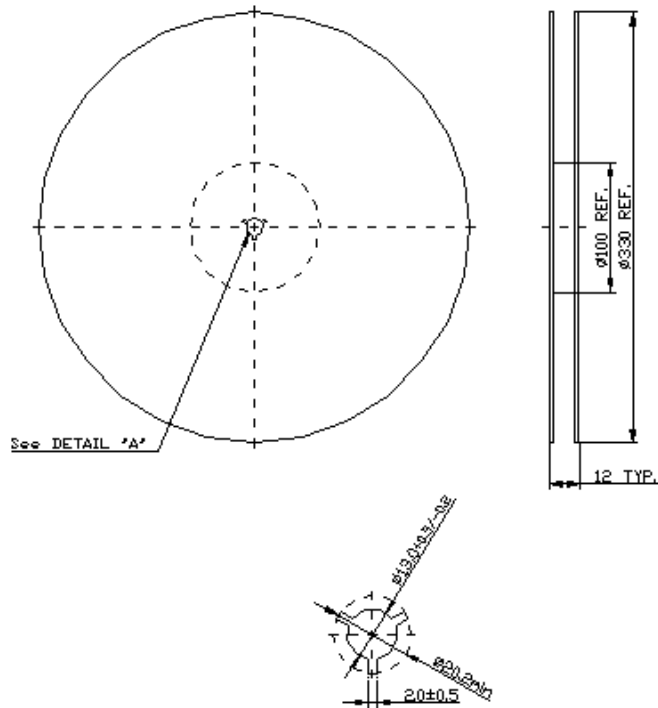
S22



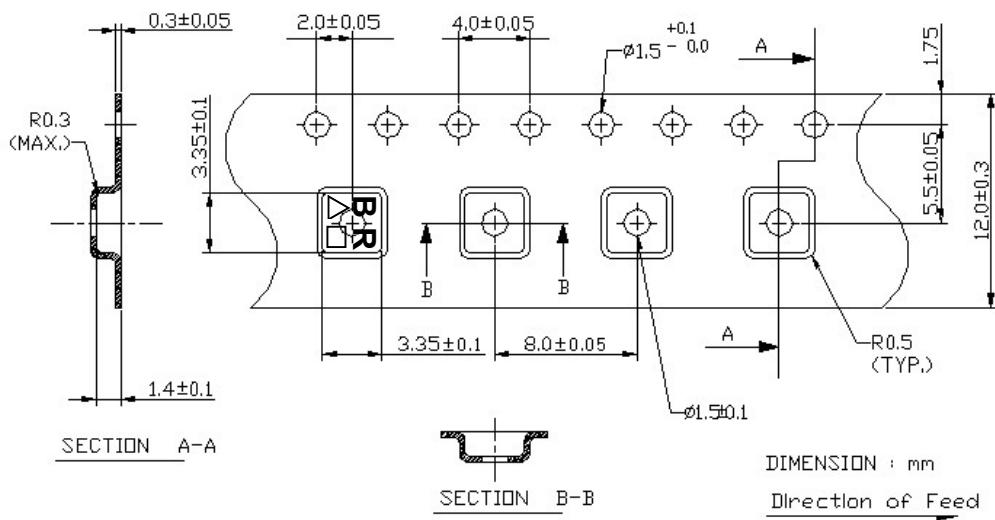
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7''=1000 ; 13''=3000)



2. TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

