TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.
TEL: 886-3-4690038 FAX: 886-3-4697532
E-mail: tstsales@mail.taisaw.com Web: www.taisaw.com

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:

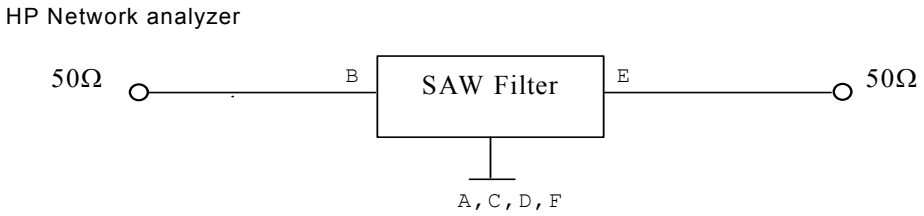
1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

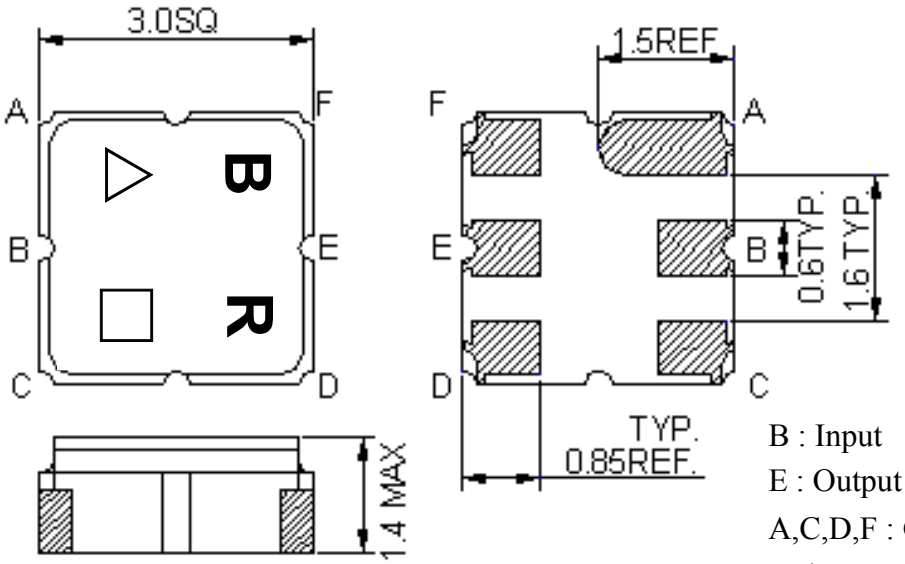
B. ELECTRICAL CHARACTERISTICS: (at 25 ℃)

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:



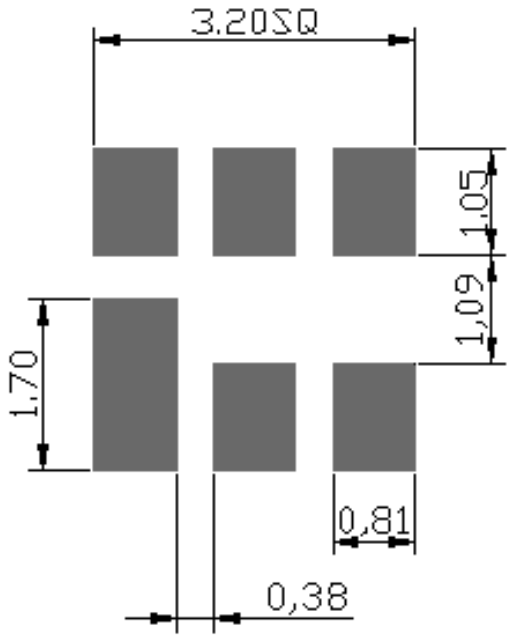
D.OUTLINE DRAWING:



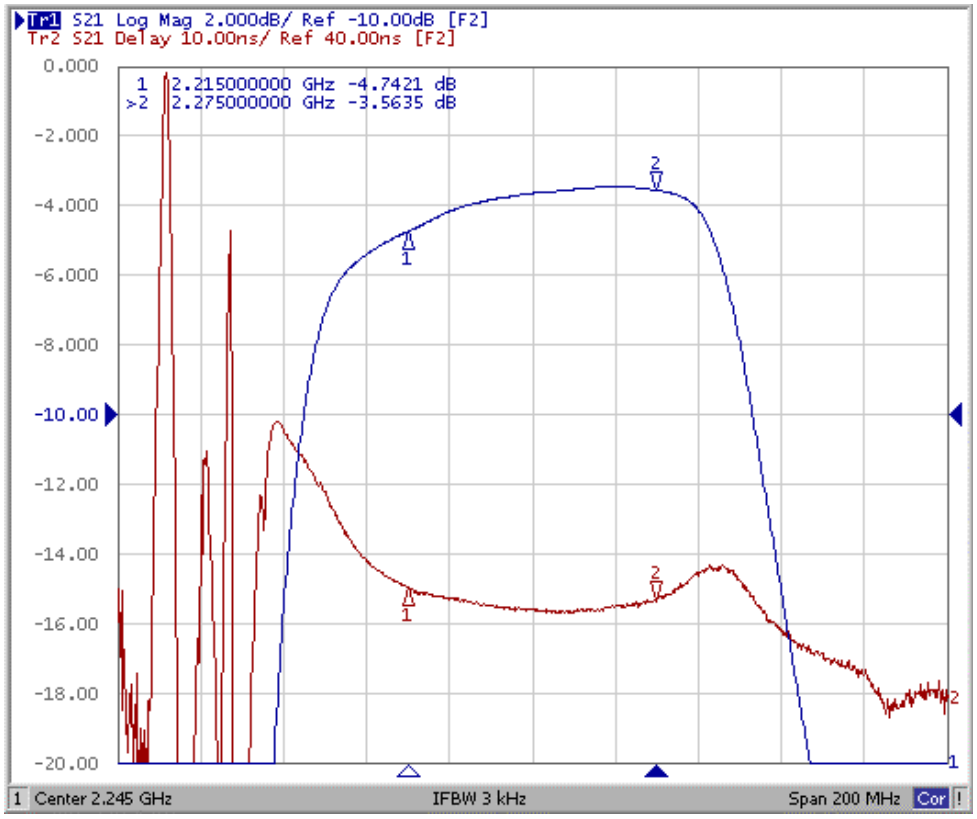
B : Input
E : Output
A,C,D,F : Ground
Unit : mm

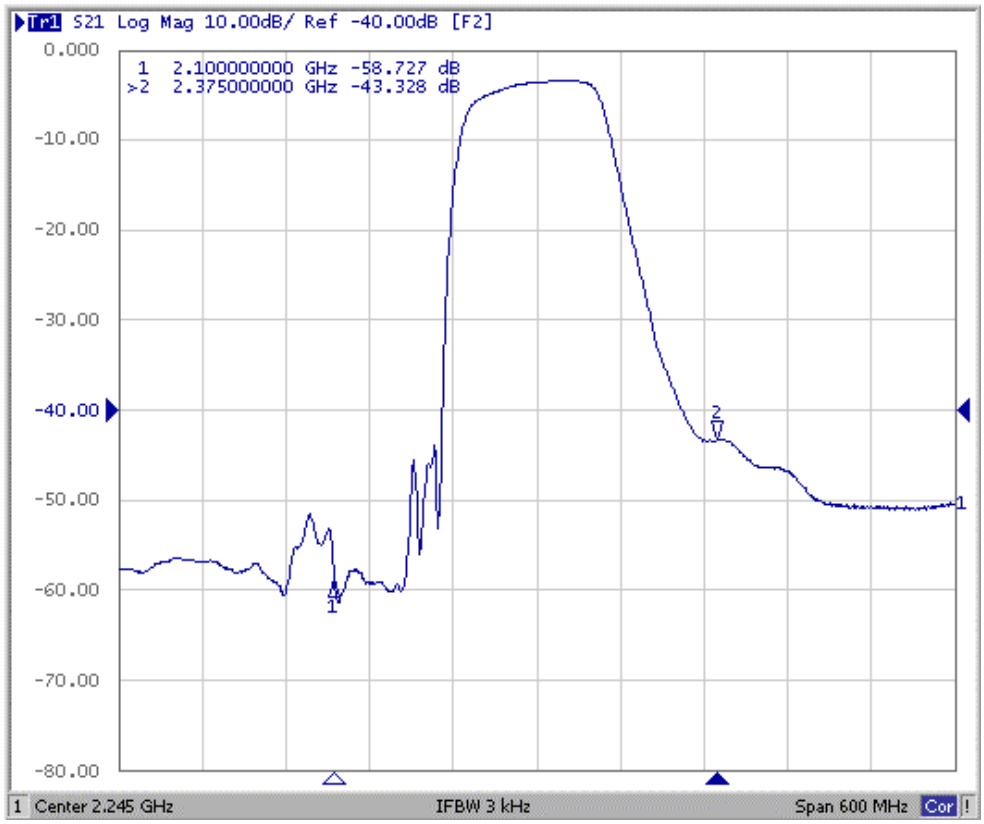
△ : Year Code (2006->6, …, 2009->9)
□ : Date Code (W01->A, W02->B,…W52->z)

E. PCB Footprint:



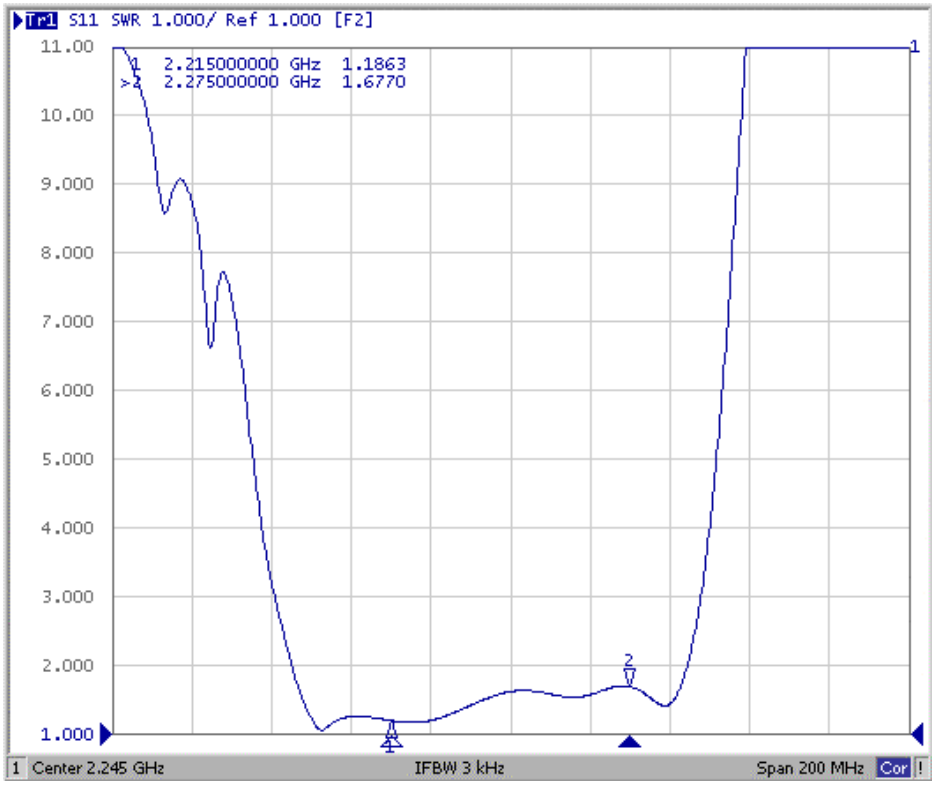
F. Frequency Characteristics :



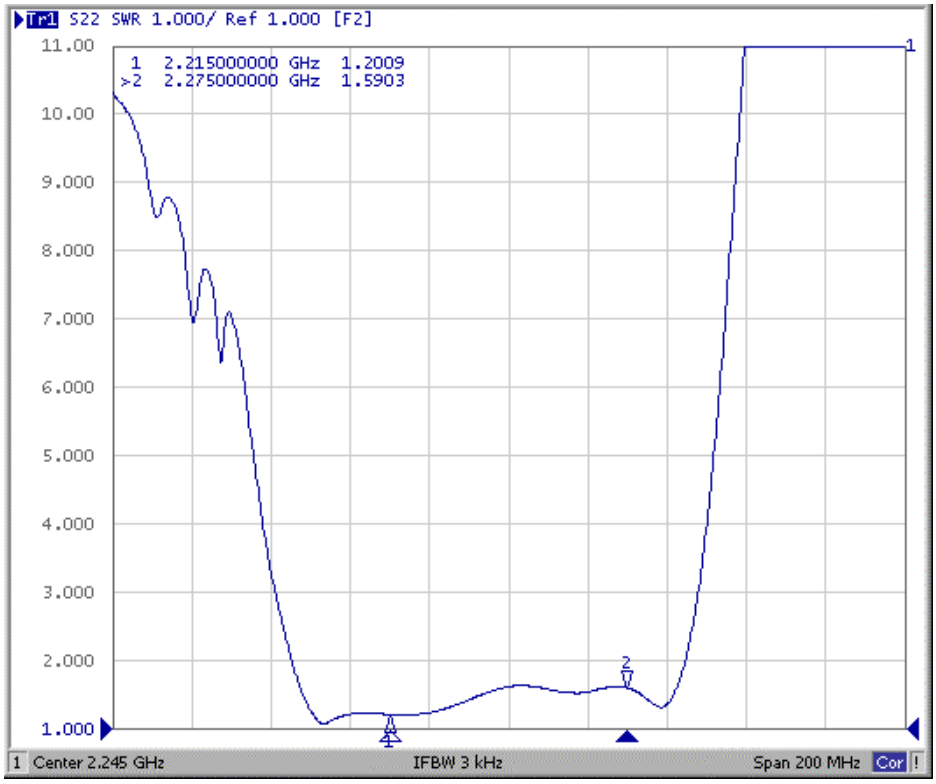


Reflection Functions :

S11



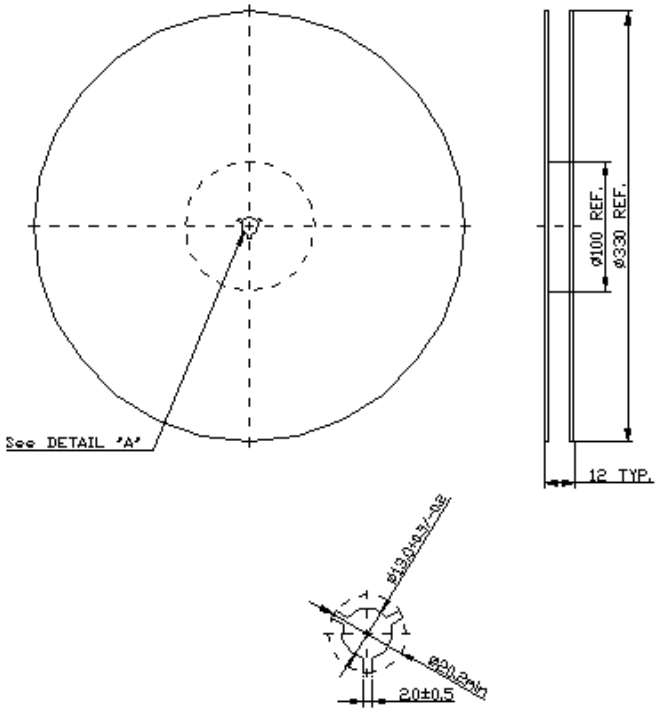
S22



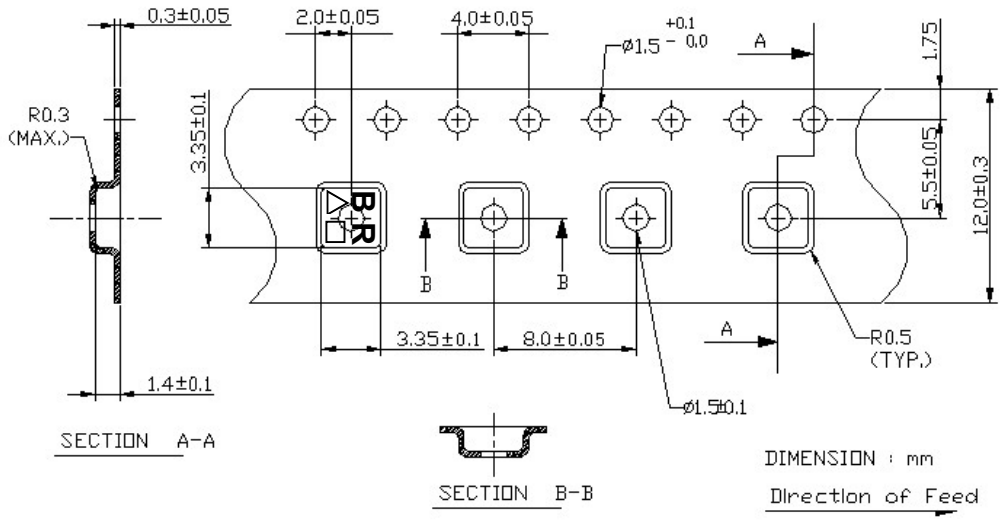
G. PACKING:

1. REEL DIMENSION

(Reel Count : 7”=1000 ; 13”=3000)



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

