



TAI-SAW TECHNOLOGY CO., LTD.

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Approval Sheet For Product Specification

Issued Date: Sep, 4, 2008

Product Name: SAW Filter 755 MHz SMD 3.0X3.0 mm

TST Parts No.: TA0916A

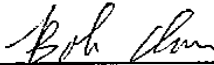
Customer Parts No.: _____

Company: _____

Division: _____

Approved by : _____

Date: _____

Checked by: _____ Bob Chau 

Approval by: _____ Francis Chen 

Date: _____ 9, 4, 2008



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SAW Filter 755 MHz

MODEL NO.:TA0916A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dBm
2. DC Voltage : 3V
3. Operating Temperature: 0°C to +50°C
4. Storage Temperature: -30°C to +85°C

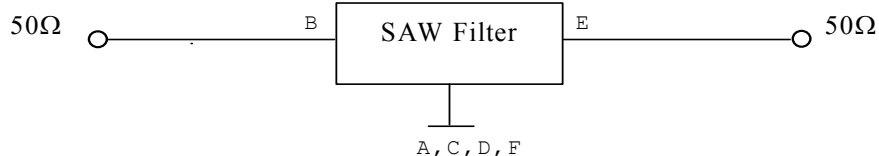
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

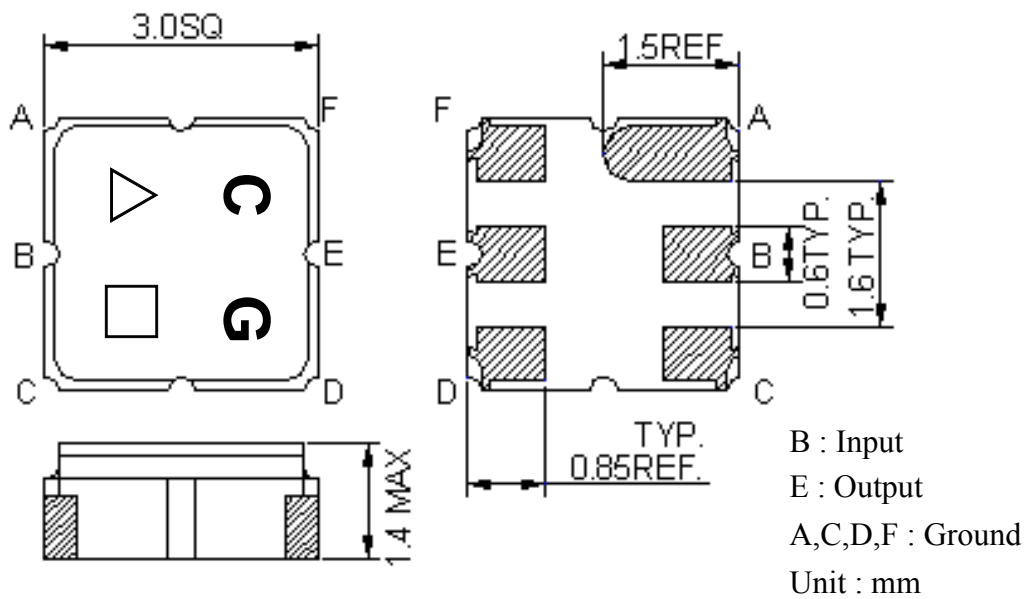
Item	Unit	Min.	Type.	Max.	Note
Center Frequency Fc	MHz	-	755	-	-
Insertion Loss (746 ~ 764 MHz) IL	dB	-	2.1	3.5	-
Amplitude Ripple (746 ~ 764 MHz)	dB	-	0.5	1.5	-
VSWR (746 ~ 764 MHz)		-	1.7	2.3	-
Attenuation (Reference level from 0 dB)					
Fc - 45 MHz	dB	40	52	-	-
Fc + 45 MHz	dB	35	45	-	-

C. MEASUREMENT CIRCUIT:

HP Network analyzer



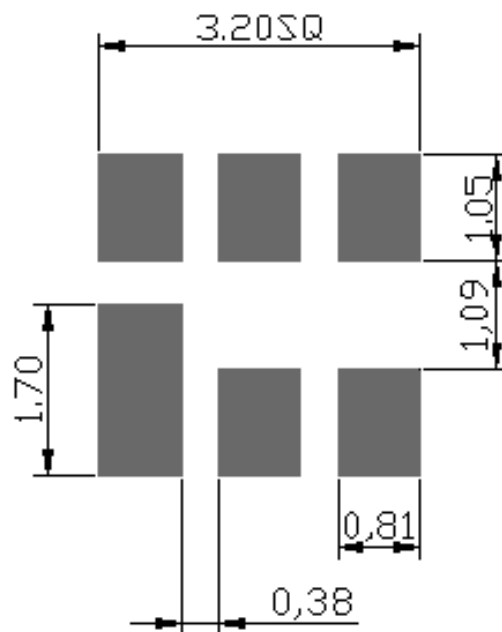
D.OUTLINE DRAWING:



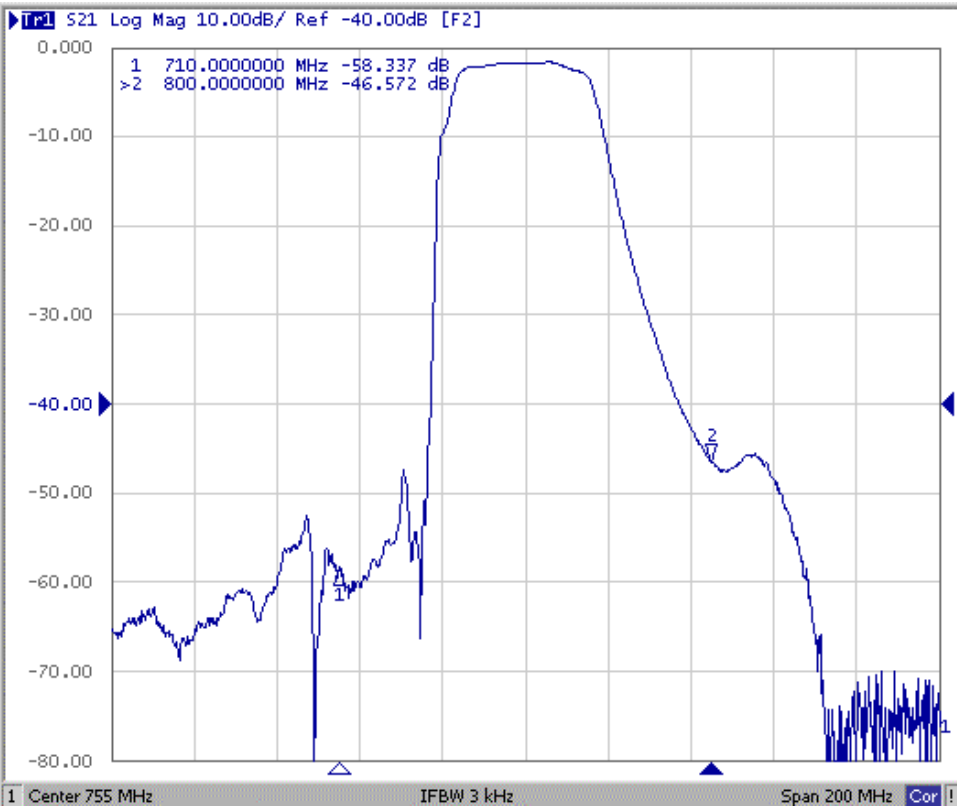
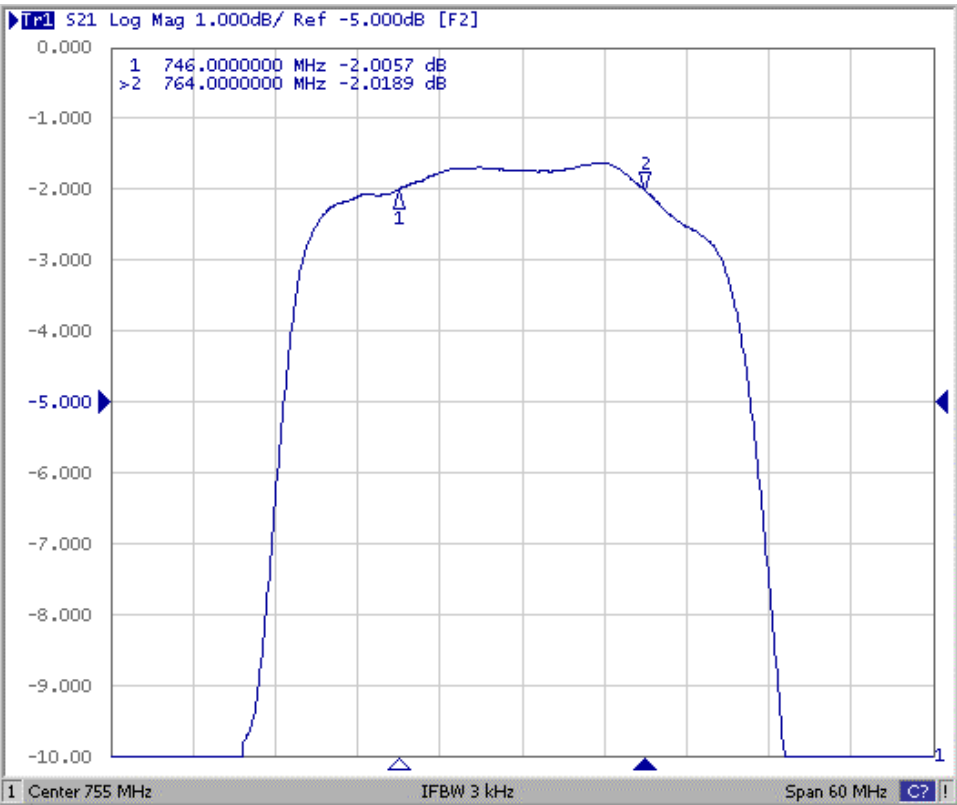
△ : Year Code (2006->6, ..., 2009->9)

□ : Date Code (Follow the table from planner each year)

E. PCB Footprint:

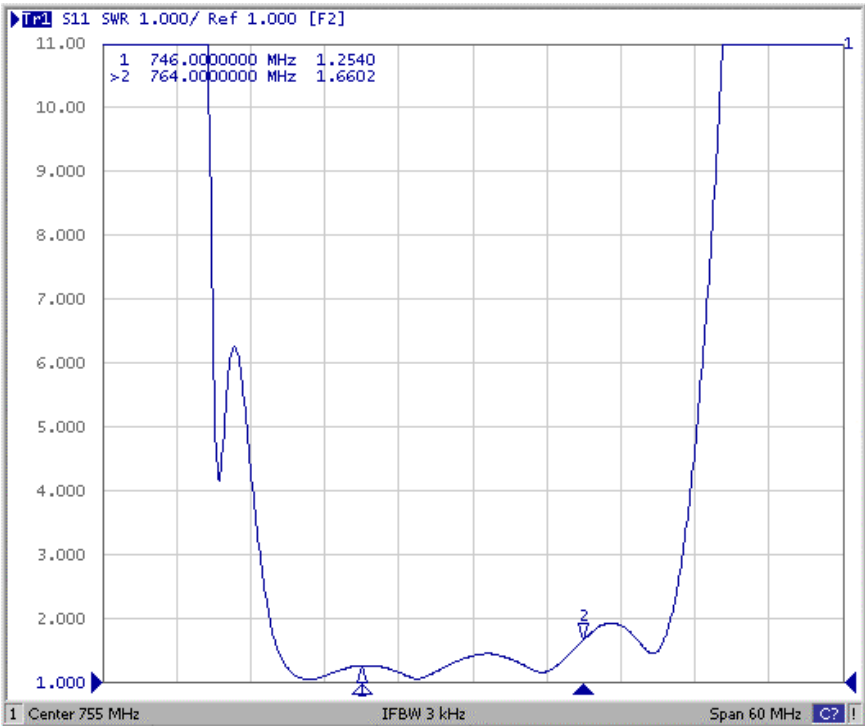


F. Frequency Characteristics :

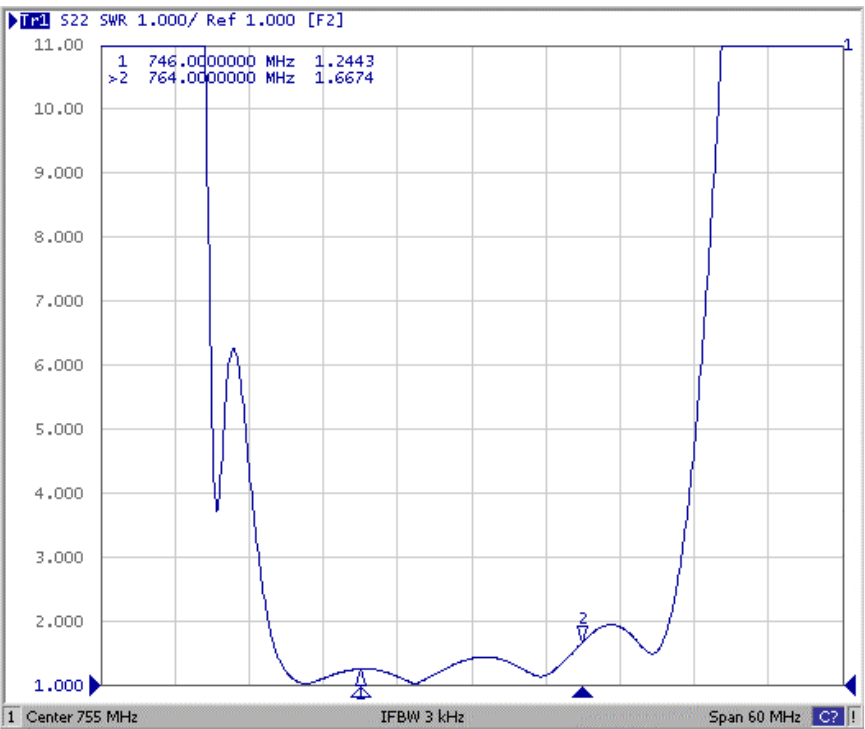


Reflection Functions :

S11



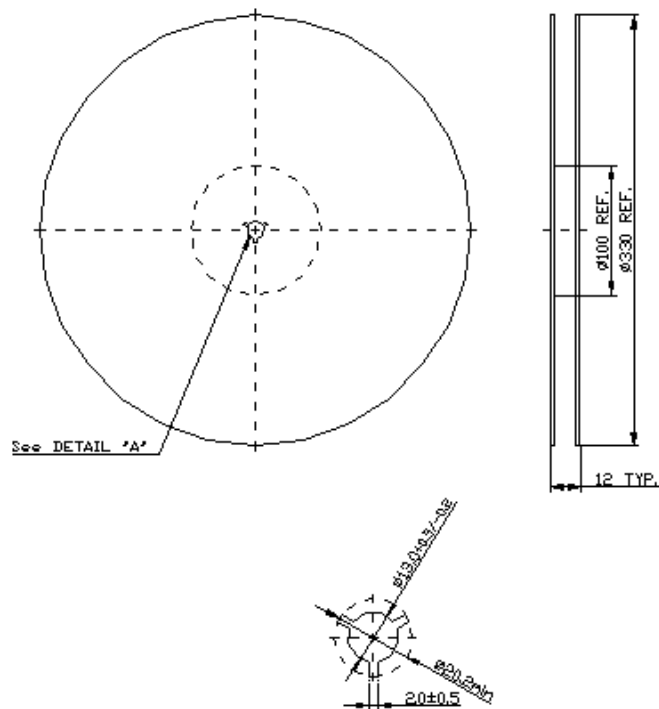
S22



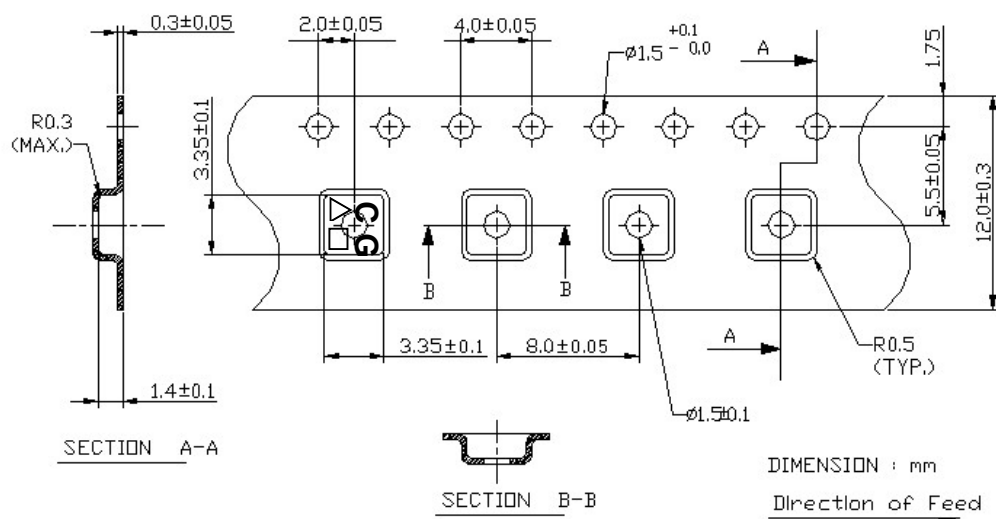
G. PACKING:

1. REEL DIMENSION

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



2.TAPE DIMENSION



H. RECOMMENDED REFLOW PROFILE :

