



TAI-SAW TECHNOLOGY CO., LTD.

No. 3, Industrial 2nd Rd., Ping-Chen Industrial District,
Taoyuan, 324, Taiwan, R.O.C.

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Approval Sheet For Product Specification

Issued Date:

Product Name: SAW Filter 1013MHz SMD 3.0×3.0mm

TST Parts No.:TA0477A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2005/06/01



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SAW Filter 1013 MHz

MODEL NO.: TA0477A

REV. NO.:1

A. MAXIMUM RATING:

1. Input Power Level: 10 dB_m
2. DC voltage: 5 V
3. Operating Temperature: -30°C to 80°C
4. Storage Temperature: -40°C to +85° C

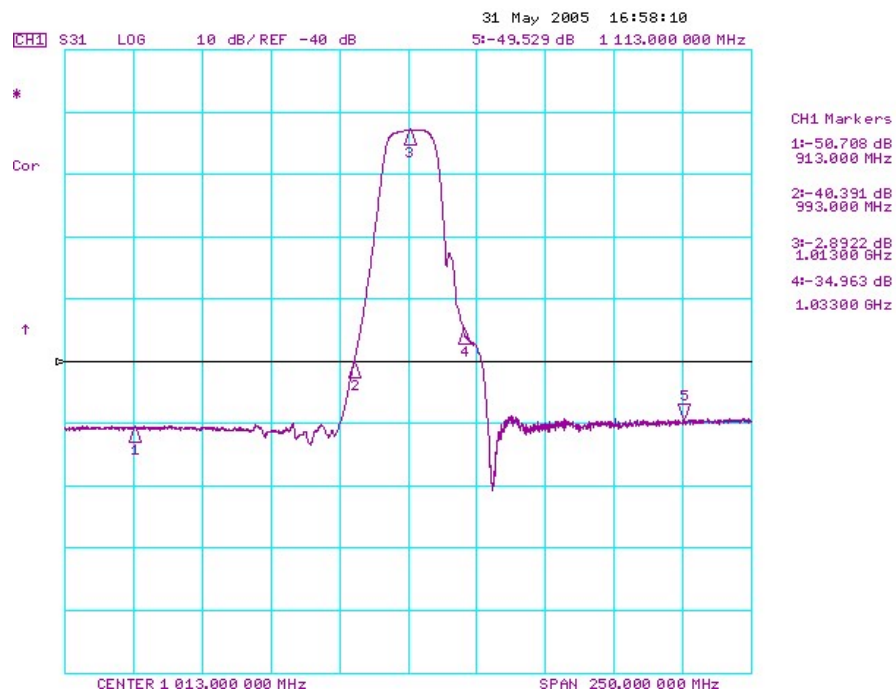
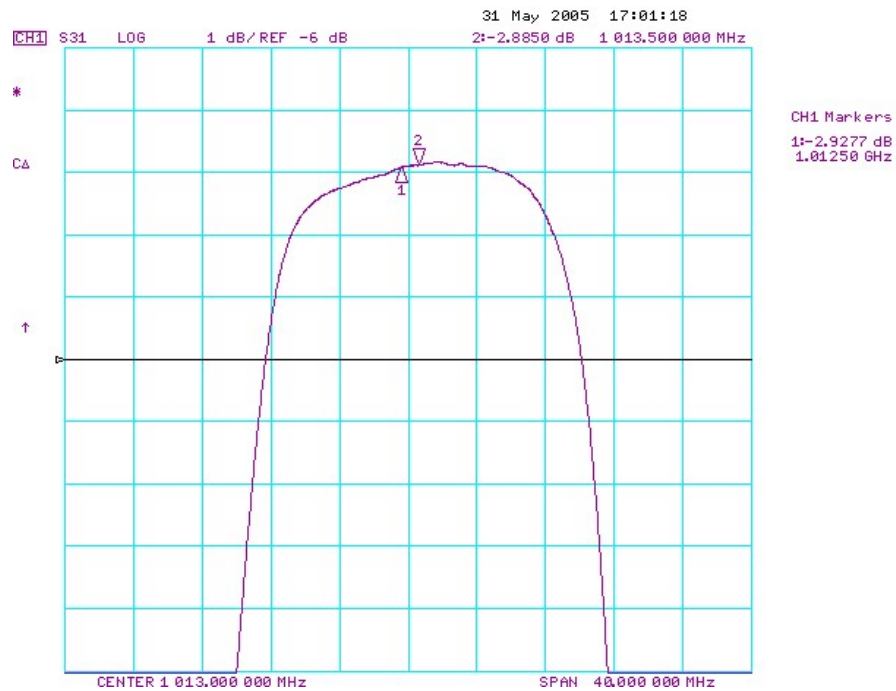
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

Item				Min.	Typ.	Max.
Center frequency	Fc	MHz		-	1013	-
Insertion loss	1012.5 ~ 1013.5 MHz		dB	-	3.0	4.5
VSWR	1012.5 ~ 1013.5 MHz			-	1.5	2.3
Attenuation (Reference level from 0dB)						
888		MHz	dB	40	50	-
913		MHz	dB	40	50	-
993		MHz	dB	21	40	-
1033		MHz	dB	21	34	-
1113		MHz	dB	40	49	-
1138		MHz	dB	40	49	-
Source impedance	Z _S		Ω	-	50	-
Load impedance	Z _L		Ω	-	50	-

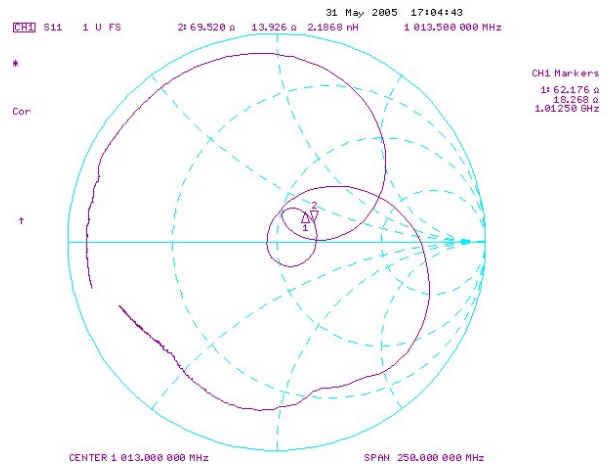
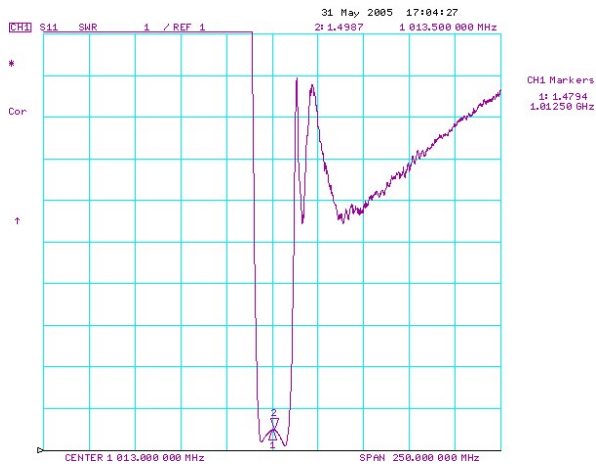
Note1. No matching network required for operation at 50Ω

C. TRANSFER FUNCTION :

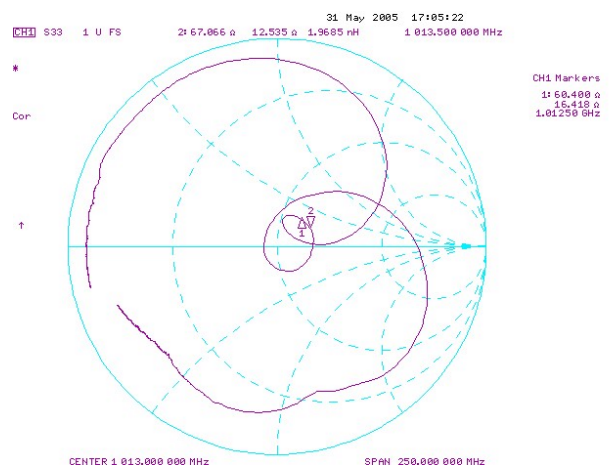
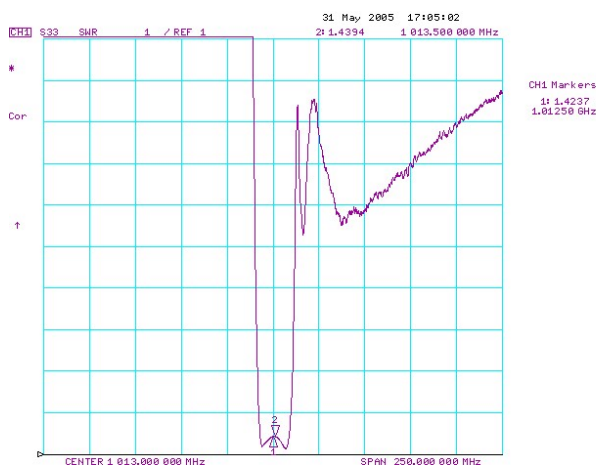


REFLECTION FUNCTION:

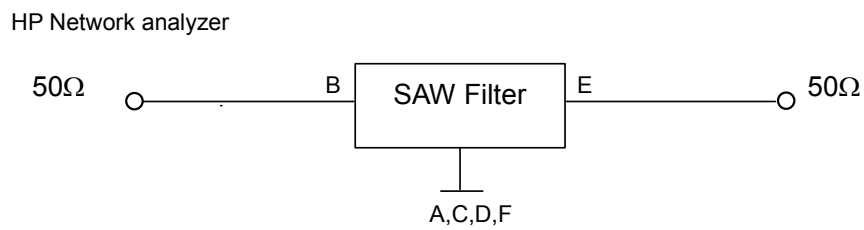
S11



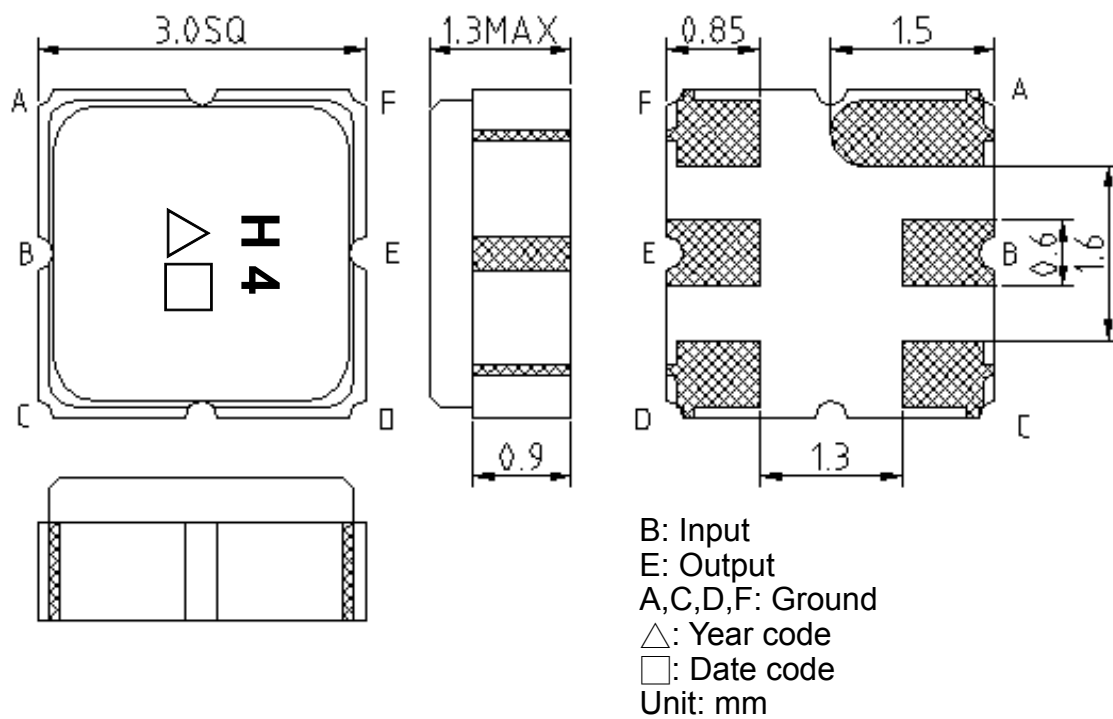
S22



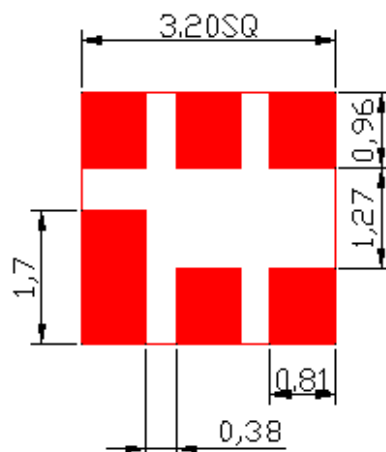
D. MEASUREMENT CIRCUIT:



E. OUTLINE DRAWING:

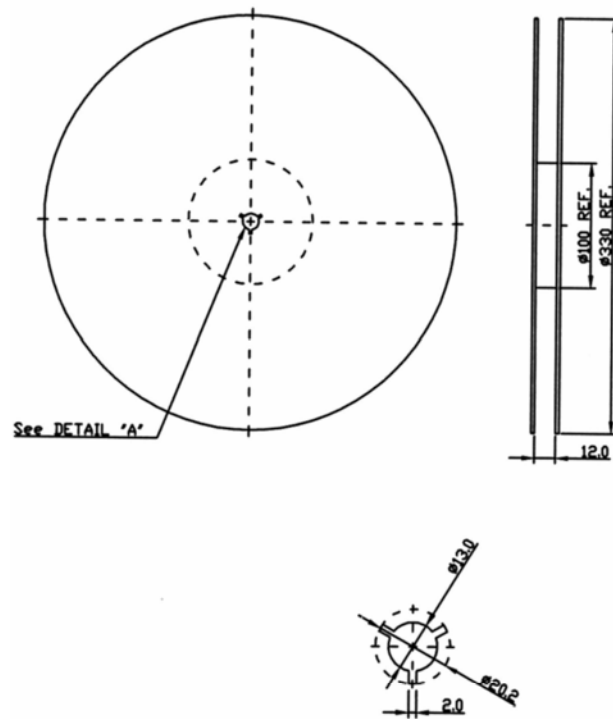


F. PCB FOOTPRINT:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

