



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:

Product Name: SAW Filter 1300MHz SMD 3.0×3.0mm

TST Parts No.:TA0536A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2005/01/11



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SAW Filter 1300 MHz

MODEL NO.: TA0536A

REV. NO.:1

A. MAXIMUM RATING:

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

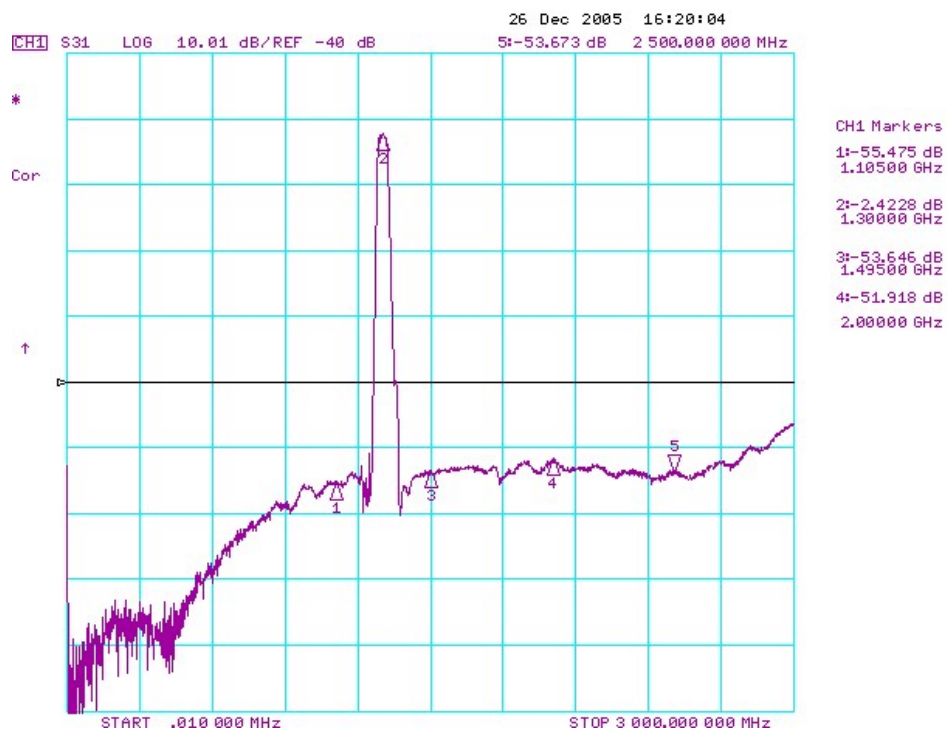
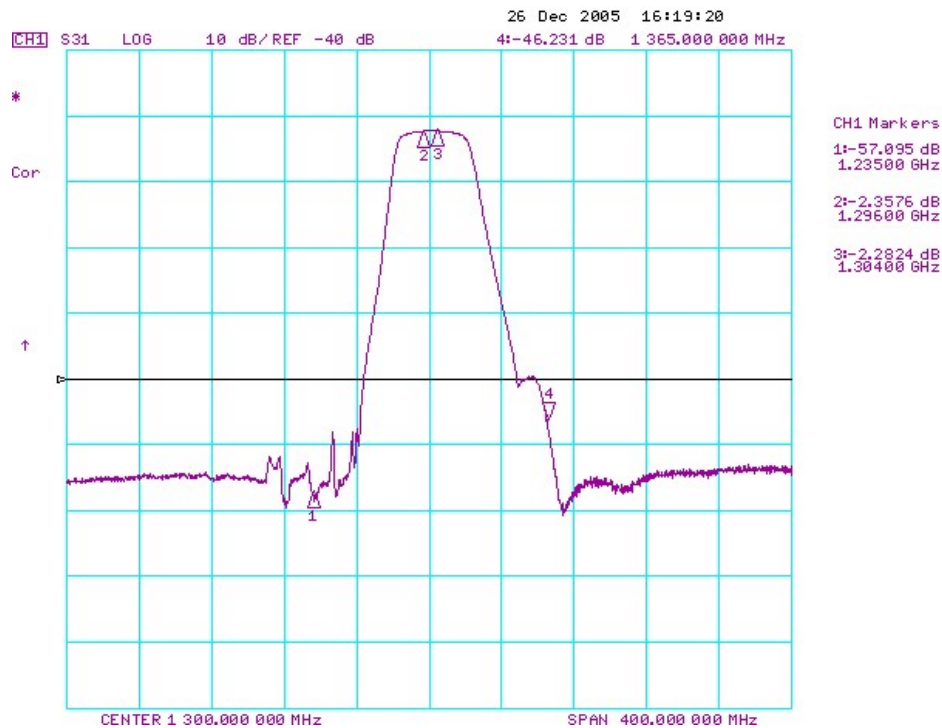
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

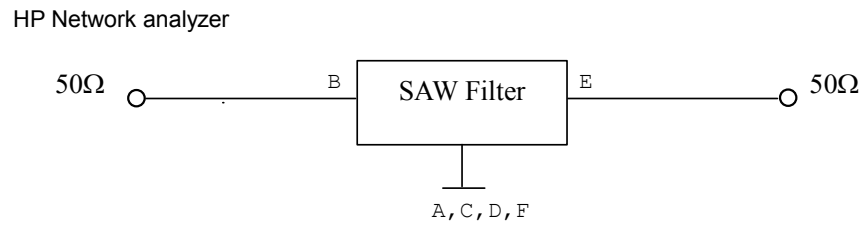
Item	Unit	Min.	Typ.	Max.
Center Frequency	MHz	-	1300	-
Insertion Loss 1296 ~ 1304 MHz	dB	-	2.4	4.5
Ripple 1296 ~ 1304 MHz	dB	-	0.2	1.6
Attenuation(Reference level from IL _{min})				
5 ~ 1105 MHz	dB	40	52	-
1105 ~ 1235 MHz	dB	33	47	-
1365 ~ 1495 MHz	dB	22	42	-
1495 ~ 2000 MHz	dB	30	49	-
2000 ~ 2500 MHz	dB	24	47	-
Source Impedance	Ω	-	50	-
Load Impedance	Ω	-	50	-

Note1. No matching network required for operation at 50Ω.

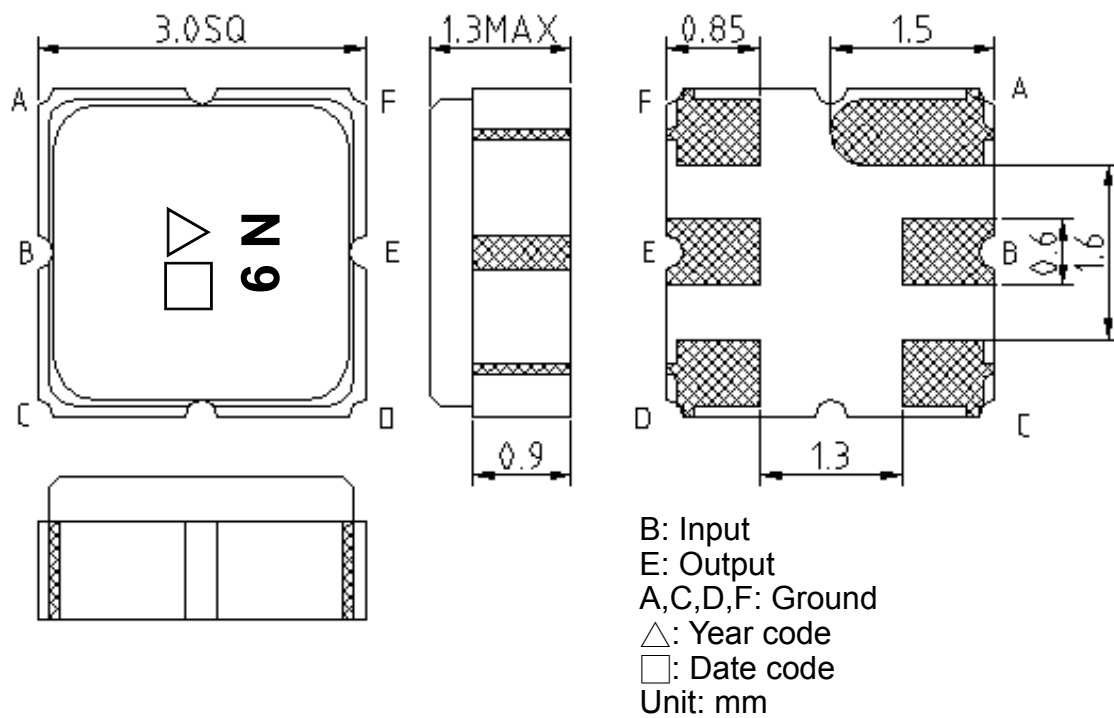
C. TRANSFER FUNCTION :



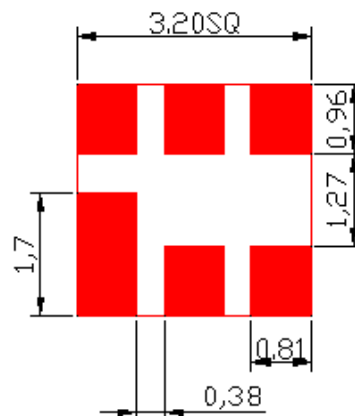
D. MEASUREMENT CIRCUIT:



E.OUTLINE DRAWING:



F.PCB FOOTPRINT:



1. REEL DIMENSION

Technical drawing of a circular part. The main view shows a large circle with a central hole. A dashed circle indicates a reference diameter of $\phi 100$. A dashed line indicates a reference diameter of $\phi 330$. A detail callout 'A' points to the central hole. A dimension of 12.0 is shown for the thickness of the part. A detail view 'A' shows a cross-section of the central hole with a diameter of $\phi 30.2$ and a thickness of 2.0.