



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 1500MHz SMD 3.0×3.0mm

TST Parts No.:TA0522A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2005/10/31



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SAW Filter 1500 MHz

MODEL NO.: TA0522A

REV. NO.:1

A. MAXIMUM RATING:

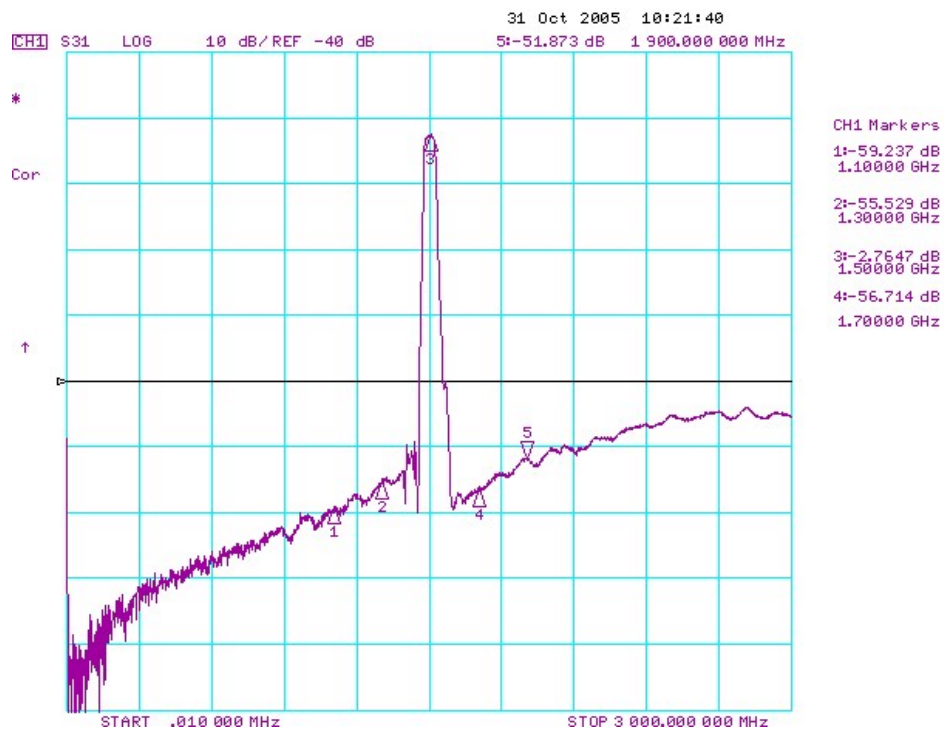
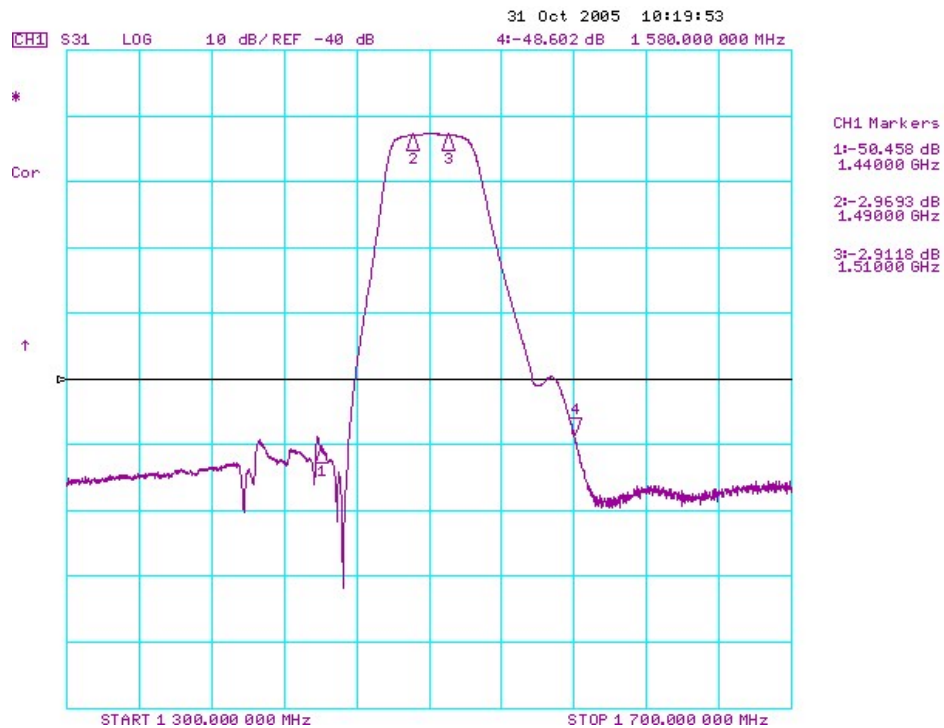
1. Input Power Level: 5 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -20°C to 70°C
4. Storage Temperature: -40°C to +85°C

RoHS Compliant
Lead free
Lead-free soldering

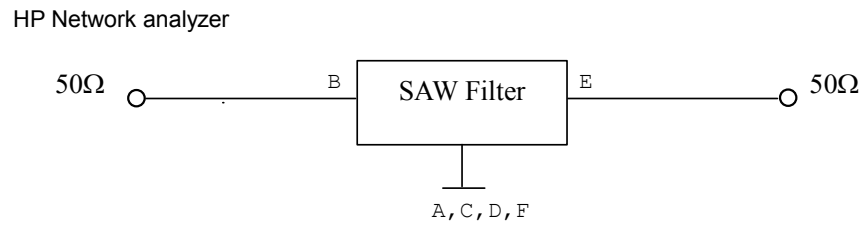
B. CHARACTERISTICS:

Item			Min.	Typ.	Max.
Center frequency	Fc	MHz	-	1500	-
Insertion loss	1490~1510 MHz IL	dB	-	2.95	4.2
Amplitude ripple	1490~1510 MHz	dB	-	0.3	2.0
Attenuation (Reference level from 0dB)					
1100 ~ 1300	MHz	dB	40	55	-
1300 ~ 1440	MHz	dB	30	48	-
1580 ~ 1700	MHz	dB	30	48	-
1700 ~ 1900	MHz	dB	35	51	-
Source impedance	Zs	Ω	-	50	-
Load impedance	ZL	Ω	-	50	-

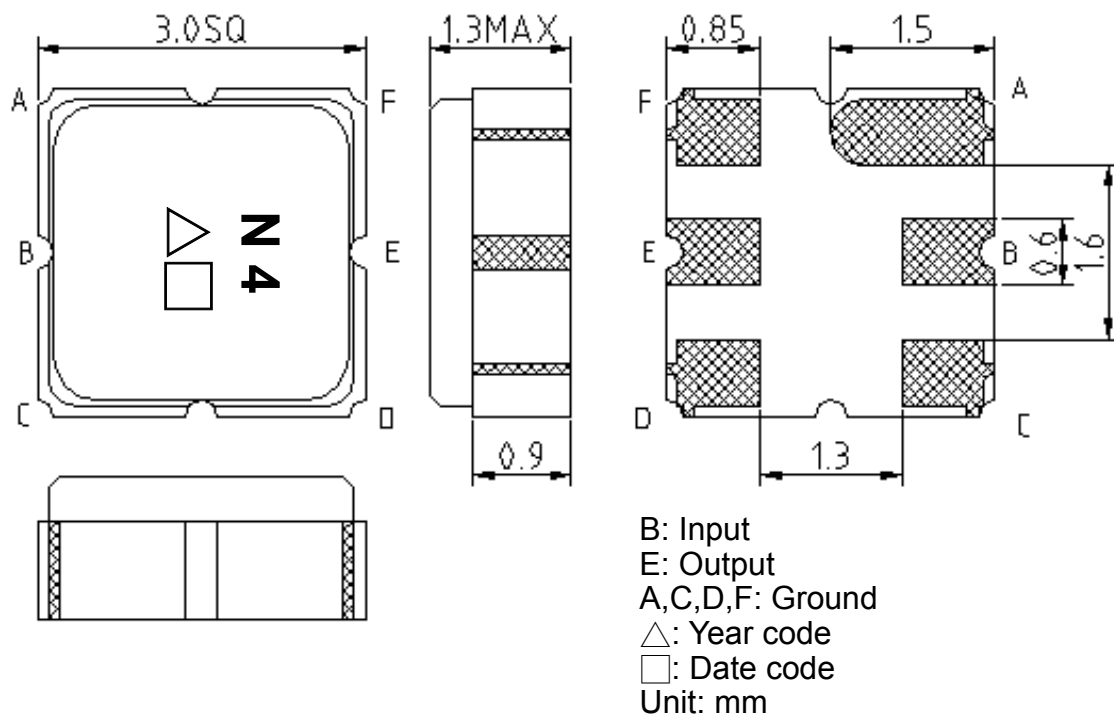
C. TRANSFER FUNCTION :



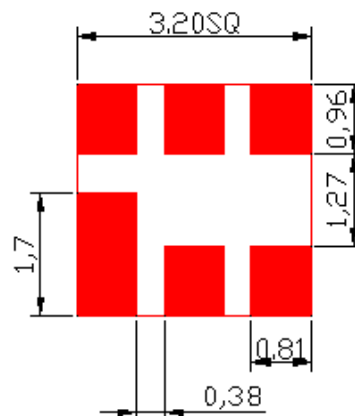
D. MEASUREMENT CIRCUIT:



E.OUTLINE DRAWING:

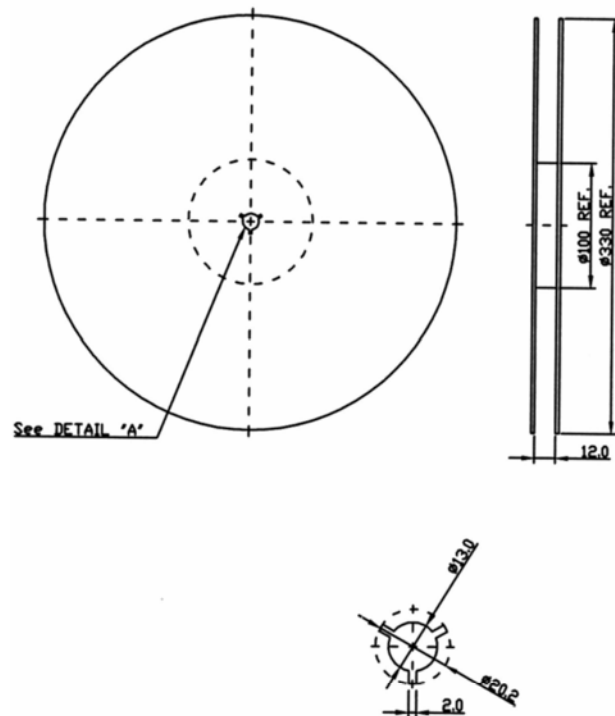


F.PCB FOOTPRINT:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

