



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 800MHz SMD 3.0×3.0mm

TST Parts No.:TA0415A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2005/01/07



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SAW Filter 800 MHz

MODEL NO.: TA0415A

REV. NO.:1

A. MAXIMUM RATING:

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

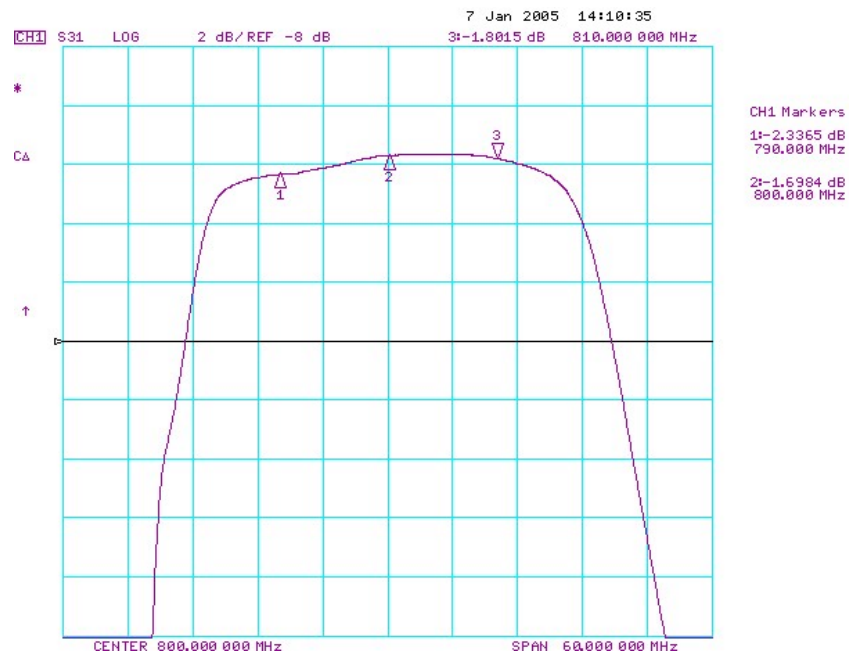
RoHS Compliant
Lead free
Lead-free soldering

B. CHARACTERISTICS:

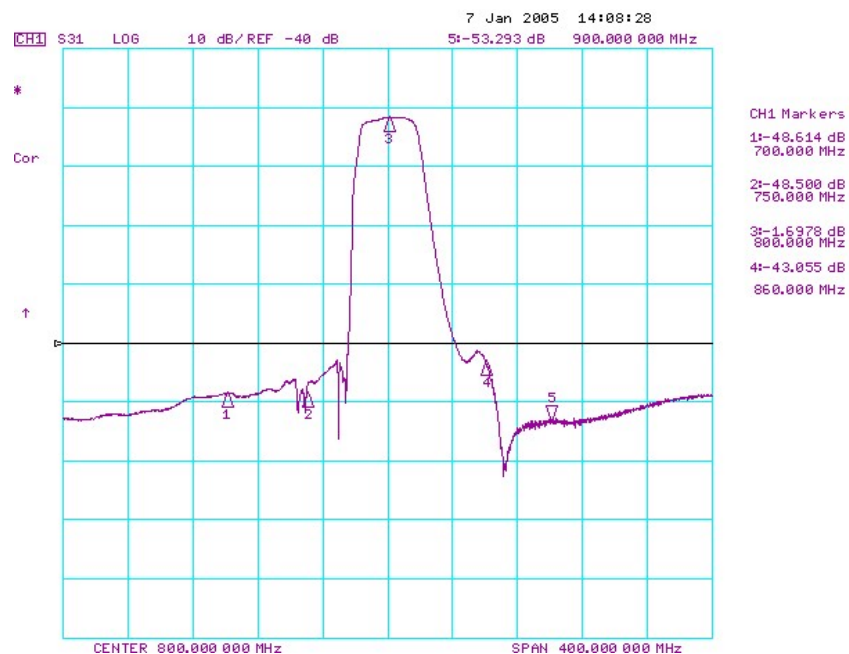
Item				Min.	Typ.	Max.
Center frequency	F _c	MHz		-	800	-
Insertion loss	790 ~ 810 MHz	IL	dB	-	2.4	3.8
Amplitude ripple	790 ~ 810 MHz		dB	-	0.8	2.0
Attenuation (Reference level from 0dB)						
600 ~ 700		MHz	dB	40	48	-
700 ~ 750		MHz	dB	30	46	-
860 ~ 900		MHz	dB	30	43	-
900 ~ 1000		MHz	dB	38	49	-
Source impedance	Z _S		Ω	-	50	-
Load impedance	Z _L		Ω	-	50	-

Note1. No matching network required for operation at 50Ω

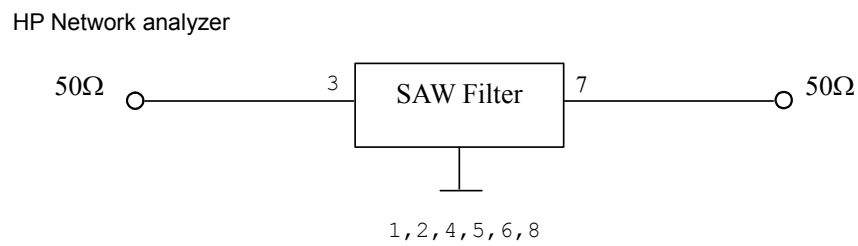
C. Transfer Function :



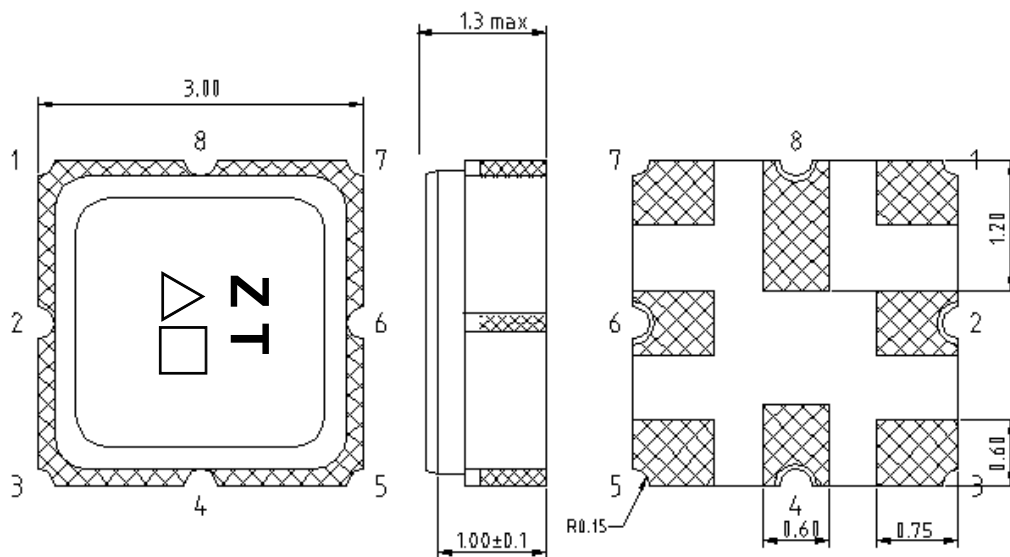
Wideband



D. MEASUREMENT CIRCUIT:

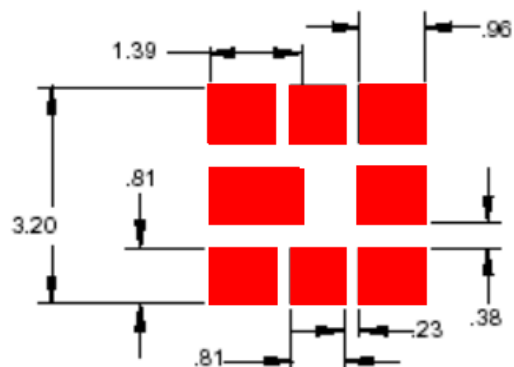


E. OUTLINE DRAWING:



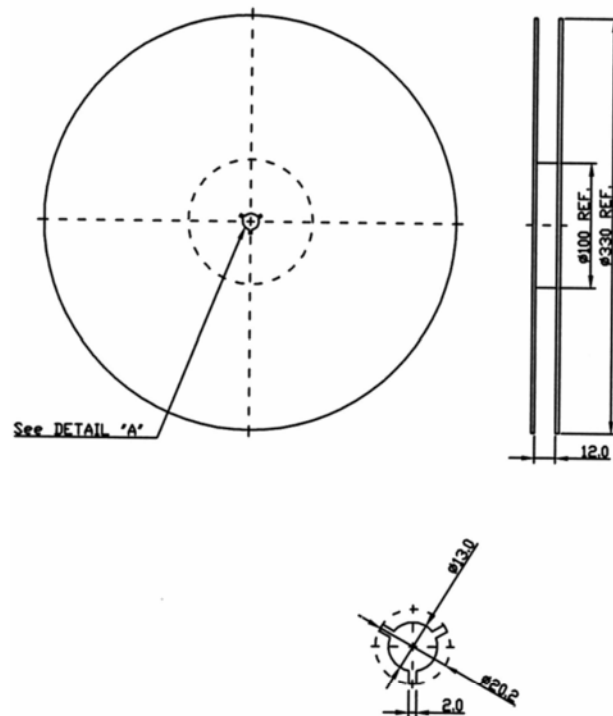
3: Input
 7: Output
 1,2,4,5,6,8: Ground
 △: Year code
 □: Date code
 Unit: mm

F. PCB FOOTPRINT:



G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

