



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 869MHz SMD 3.0×3.0 mm

TST Parts No.:TA0296A

Customer Parts No.:_____

Company:_____

Division:_____

Approved by :_____

Date:_____

Checked by:_____Elvis Chiu

Approval by:_____Francis Chen

Date:_____2004/09/02



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SAW Filter 869 MHz

MODEL NO.: TA0296A

REV. NO.:3

A. MAXIMUM RATING:

1. Input Power Level: 17 dB_m
2. DC voltage: 3 V
3. Operating Temperature: -10°C to +60°C
4. Storage Temperature: -40°C to +85°C

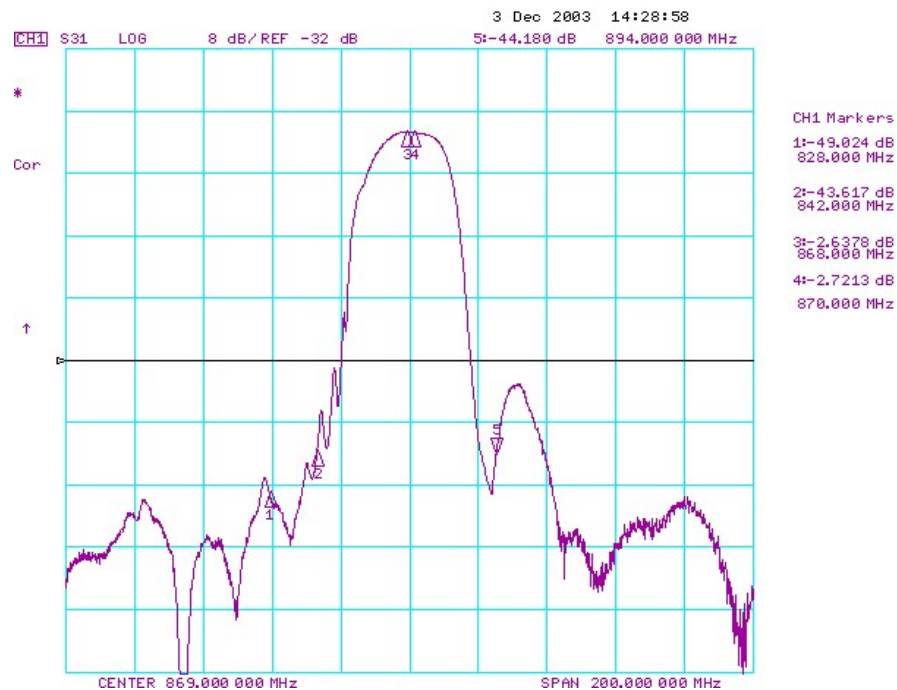
RoHS Compliant
Lead free
Lead-free soldering

B. ELECTRICAL CHARACTERISTICS:

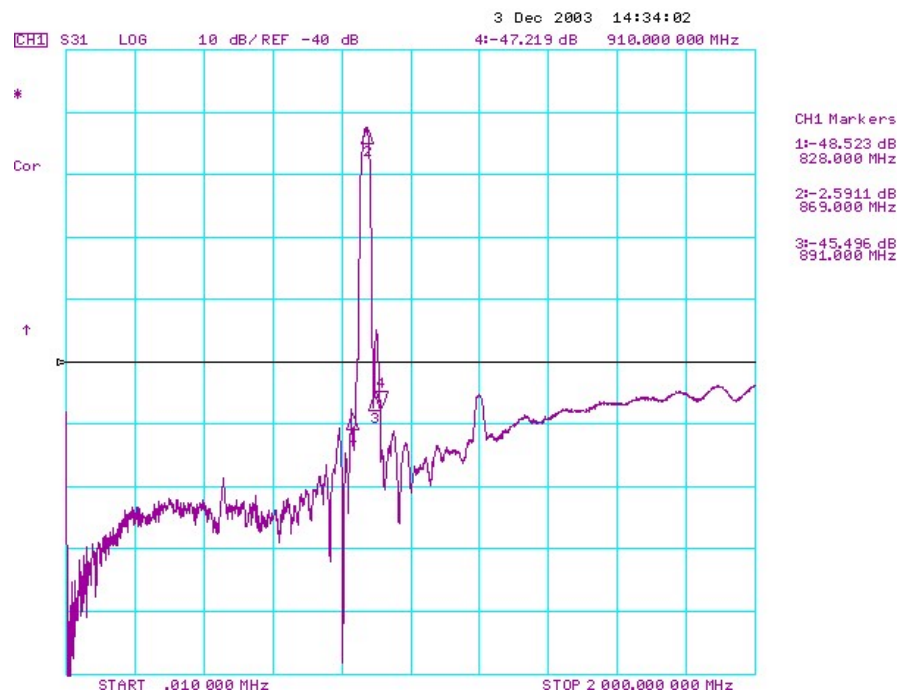
Item		Specification			
		Unit	Min.	Typ.	Max.
Center Frequency		MHz	-	869	-
Insertion Loss	868 ~ 870 MHz	dB	-	2.8	4.0
Ripple	868 ~ 870 MHz	dB	-	0.2	1.5
Absolute Attenuation					
825 ~ 828	MHz	dB	40	47	-
835 ~ 842	MHz	dB	30	39	-
891 ~ 894	MHz	dB	30	42	-
910 ~ 913	MHz	dB	40	47	-
Source impedance	Z _s	Ω	-	50	-
Load impedance	Z _L	Ω	-	50	-

Note1. No matching network required for operation at 50 Ω

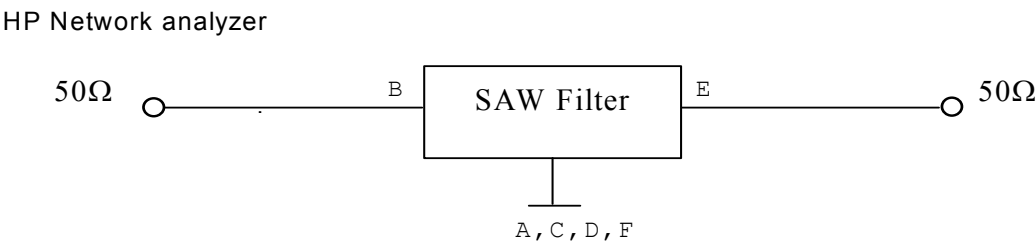
C. Frequency Characteristics :



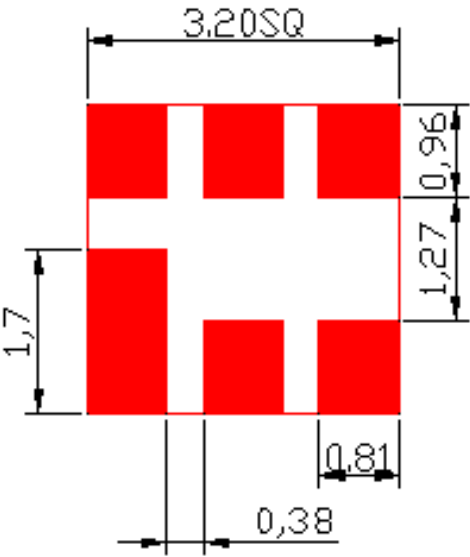
Wideband



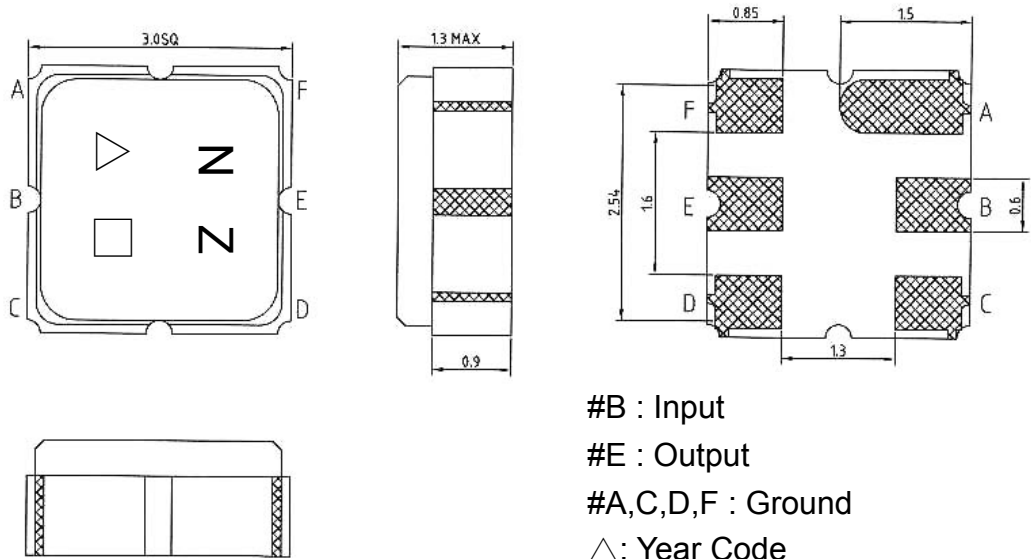
D. MEASUREMENT CIRCUIT:



E. PCB Footprint:



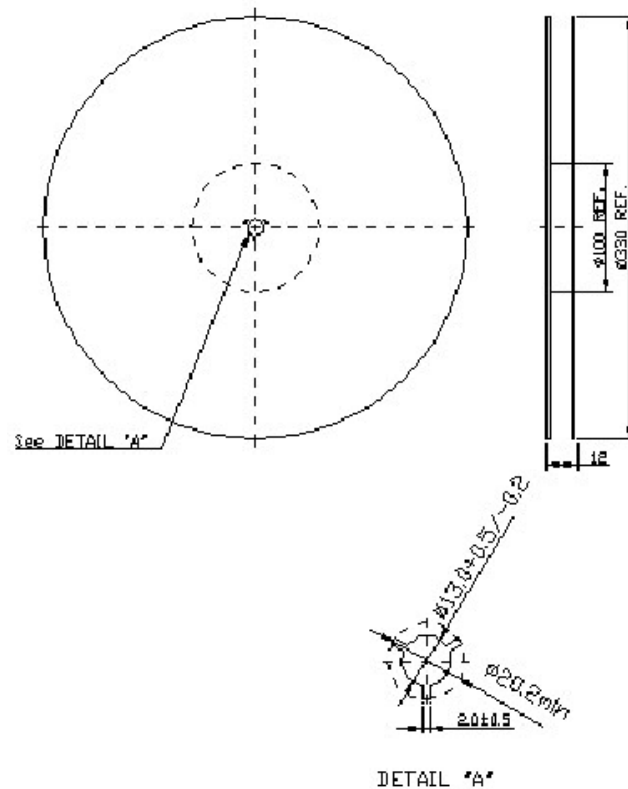
F.OUTLINE DRAWING



#B : Input
#E : Output
#A,C,D,F : Ground
△ : Year Code
□ : Date Code
Unit: mm

G. PACKING:

1. REEL DIMENSION



2. TAPE DIMENSION

